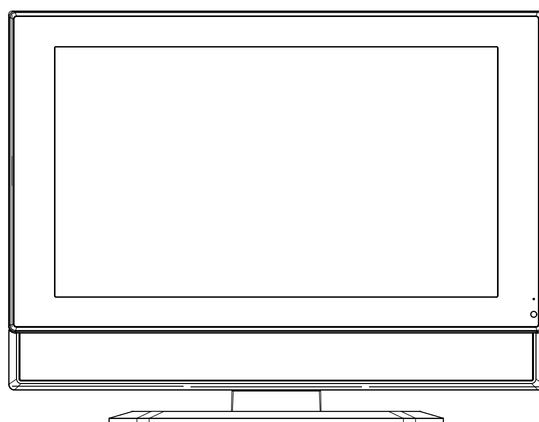
32PF1700T/96

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English

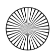
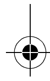
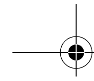
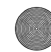
飛利浦32PF1700T/96多媒體液晶顯示器使用手冊



型號：32PF1700T/96

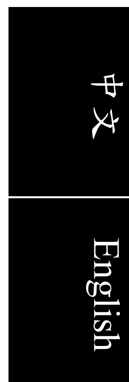
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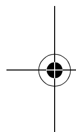
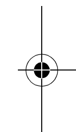
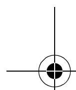
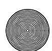
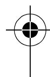
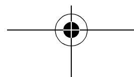
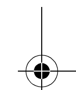
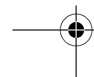
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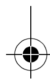
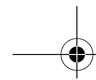
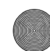
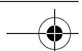
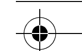
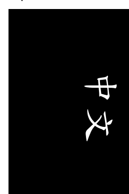
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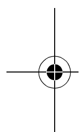
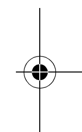
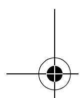
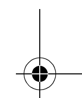









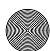
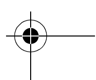
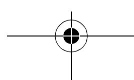
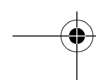

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中文

前言

感謝您選購了飛利浦多媒體液晶顯示器。

為能正確的操作使用，請仔細閱讀這本使用說明書

- 請妥善保管使用說明書及保證書，萬一在使用中產生疑問或發生問題時，它也許能給您提供一些幫助。
- 生產機號在品質管理上是很重要的，請確認顯示器上的生產機號與保證書上的生產機號是否一致。

為了安全起見，請特別注意下列之各事項

緊急處理方法：

- 若有異常發生時，請拔掉電源插頭並與服務中心連絡。
- 若是發生有影無聲，有聲無影，發出怪聲或怪味等的故障情形下，仍繼續使用顯示器是有危險性的，請立即拔掉電源插頭，連絡服務中心進行維修。
- 請切勿自行拆下顯示器的後蓋，因為內部有觸電的危險，內部的檢查及調整，請委託由專業服務人員處理。

當您使用顯示器時，為了您及府上的安全，請注意下列各事項：

- 請切勿將電源插頭插於多重插座上。
- 請勿將後蓋的通風孔蓋住或置放障礙物，請將顯示器置放於通風良好之處。
- 清潔時，請不要忘了拔下電源插頭。
- 使用電源電壓為 AC 100 - 240V，50- 60 Hz。
- 本顯示器雖然經過嚴密和特殊環境的測試，您仍然有可能會發現在螢幕上有極少數失去活性的亮點或暗點會顯示固定的顏色或呈現黑色。請注意這並不會影響您所購買之產品的效能，因為通常這些亮點或暗點在正常的觀看距離下是很難看見的。
- 若會有一段長時間不使用顯示器 (例如您要出國度假的期間) 時，請務必關掉顯示器的電源，並將電源線從電源插座上拔掉。

注意事項

顯示器在使用中遇到較強的外來干擾時 (過多的靜電或打雷使電源電壓異常等等)，可能會發生不能接受操作指令的情況。在這種情況下，請拔掉電源插頭，經過 30 秒之後，重新插上電源插頭，再進行操作。

中文

安全使用說明

使用本機器前，請注意下列指示：

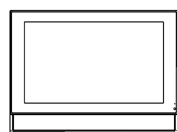
1. 請詳讀及妥善保存此說明書。
2. 請依照機器本身所標示之說明操作此機器。
3. 清潔機器時請將電源線拔掉，請用濕軟布擦拭，若不易擦拭乾淨則可用軟布沾酒精擦拭，勿用乾布，噴霧式清潔劑或有機溶劑擦拭面板，以免刮傷或傷害液晶表面處理造成刮痕或亮度不均勻現象。不可以使用任何方式對面板做出刮戳磨拍打撞擊等動作。
4. 勿讓任何物體掉落或插入機器，並勿讓任何液體濺入機身，請勿將本機器置於靠近水源處。
5. 請將機器放置於平穩的平面上，以避免掉落發生危險。
6. 機器外殼上的通風口，是提供本機散熱用，請勿將本機器平放於床、沙發、地毯上以免阻礙通風孔之散熱功能；另顯示器安裝於電視櫃或牆上時，下方及左右方應保持 10 公分通風空間，正上方保持 30 公分通風空間，勿將顯示器置於狹窄空間，避免裝置於任何阻礙空氣流動的狹窄裝潢設施內；請確保本機橫向擺放，避免順 / 逆時針旋轉 90 度之垂直擺放方式，以免散熱不良傷害電子零件。
7. 請使用機器上標示之電源電壓，若不清楚時，請向經銷商查詢以避免發生危險。
8. 為防止電擊危險，插頭要完全置入插座，本機器的電源線插頭為 3 蕊，此為安全裝置，若您的插座無法使用，請找技術人員更換插座，切勿自行將電源線插頭之第三蕊移除，以確保安全。
9. 電源線請勿靠近發熱器具，電源線上請勿上放置任何物品，亦避免踐踏或損傷。
10. 若有其他電源線與本機器使用時，請確保電流在可使用範圍內，並注意電源插座上之總電流不要超過 12A，勿超過負載以免引起火災。
11. 若在打雷，閃電天候下，請拔下插頭及卸下外接視訊盒 (選購) 之天線端子，以免雷擊。
12. 本設備依符合 FCC 電磁波 B 級標準設計，以防止電磁干擾，若有不明干擾產生，請洽專業技術人員協助。
13. 請勿長時間靜止於同一畫面，以保護螢幕及延長螢幕壽命，同一畫面保括文字、標誌、圖形等。
14. 請勿使用非本公司所生產之附件，如壁掛架等，以避免意外發生。
15. 需戴手套才可接觸破損的液晶面板，以免割傷手或接觸到液晶，若被液晶接觸皮膚請立即用肥皂清洗，若液晶碰觸眼睛或嘴巴請立即用水沖洗並送醫治療；顯示器內含錫鉛液晶及汞，若顯示器需廢棄處理時，請依當地法律及規定處理廢棄物。
16. 機器若發生故障時，請找合格之技術人員維修或聯絡 “客服專線” 0800-231099，切勿自行打開外殼修理，以免發生危險。
17. 發生下列情形時請即刻拔掉電源線，並聯絡合格之技術人員。

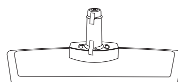
- 電源線或電源插頭損壞。
- 物品掉落機器內或有液體傾倒入機器內；機器置於水中或雨中。
- 機器各功能無法依說明書操作或機器的功能有明顯改變時。
- 機器曾掉落或外觀受損。

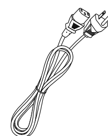
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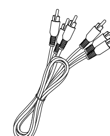
檢查包裝內容

在打開包裝後，請檢查下列所有物品和配件是否齊全：


多媒體液晶顯示器本體 (x1)

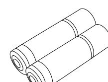

底座 (x1)


電源線 (x1)


複合視訊 (AV) 訊號線 (x1)


使用手冊 (x1)


保固卡 (x1)


AAA 四號電池 (x2)

本產品所提供的電源線類型可能會隨您購買地點不同而與上圖所示有所差異。

如果有任何物品和配件遺漏或損壞，請馬上與您購買產品的經銷商連絡，並告訴他們詳細情況。本使用手冊請妥善保存，以方便隨時參考。

如何正確處理產品包裝材料：

- **產品的硬紙板包裝箱 (或包裝盒) 都是可以回收的。**
- **請勿將所有塑膠袋放置在兒童容易拿取的地方。**
- **若可能，請妥善收好所有的包裝材料，以方便將來運送本顯示器時使用。**

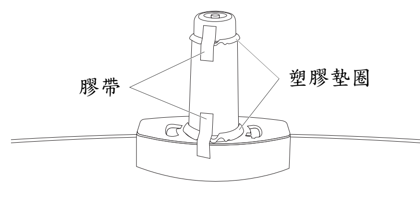
安裝底座

安裝前的注意事項

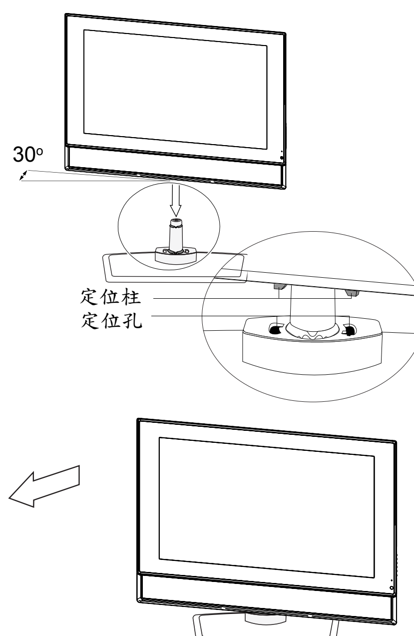
在開始安裝底座前，請您務必注意下列事項：

- 由於顯示器的重量頗重，因此在安裝底座時，務必由兩人以上之成人進行安裝。
- 顯示器的液晶面板極為脆弱並且易受損傷。在拿取或移動顯示器本體時，請手持螢幕邊框，避免觸摸到面板本身，並請注意勿讓任何物體碰撞到液晶面板。請在安裝時，以一塊柔軟乾淨且不掉棉絮的浴巾包覆液晶顯示器本體，以保護液晶面板。
- 請將顯示器安裝在堅硬、平坦且穩固的平面上，以免顯示器傾倒造成危險。

1. 從包裝中取出底座，並將固定塑膠墊圈的膠帶撕掉。



2. 將顯示器本體抬起，並將顯示器底部的底座孔對齊底座軸，然後如右圖所示以約 30 度的角度套入底座。在套入時，請注意必須讓顯示器本體底部的定位柱對齊底座上的定位孔。

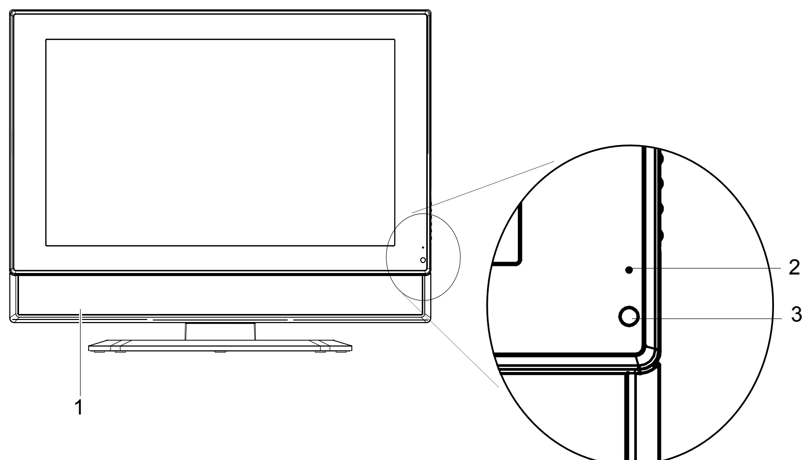


3. 顯示器本體套入底座後，將本體旋轉面向正前方，安裝即告完成。

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認識您的液晶顯示器

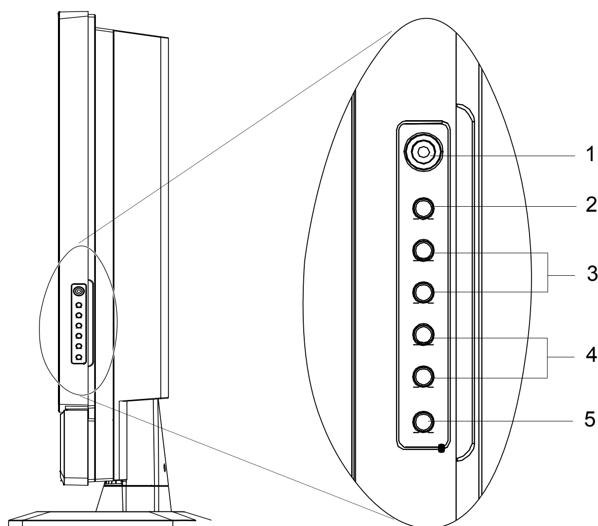
前視圖



編號	名稱	說明
1	揚聲器	提供高音質且逼真的音效輸出。
2	電源指示燈	• 當顯示器電源開啟時，此指示燈亮綠色。 • 當顯示器電源處於待機狀態時，此指示燈亮紅色。 請參閱第 10 頁的「開機與待機」。
3	遙控訊號感應窗	接收從遙控器傳送過來的訊號。請勿將任何物體放置於此感應器前方，以避免阻礙訊號的接收。

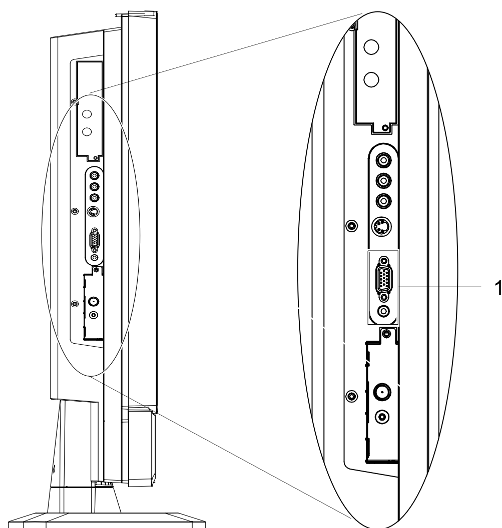
中文

控制面板 (右側)



編號	名稱	說明
1	耳機插孔	此插孔可讓您外接耳機以提供聲音輸出使用。當外接耳機一接上時，顯示器內建的揚聲器會立刻變成靜音狀態，所有聲音改由耳機輸出。請參閱第 8 頁的「連接耳機輸出」。
2	MENU (選單) 按鈕	按下此按鈕可顯示螢幕顯示選單，再按一次此按鈕可將之關閉。請參閱第 12 頁的「瀏覽螢幕顯示選單」。
3	VOL (音量) ▲/▼ 按鈕	• 用以調整顯示器之內建揚聲器的音量大小。請參閱第 10 頁的「調整音量」。 • 在螢幕顯示選單中，按這些按鈕可進行左右選擇或變更設定。請參閱第 12 頁的「瀏覽螢幕顯示選單」。
4	CH (選擇) ▲/▼ 按鈕	螢幕顯示選單中，按這些按鈕可進行上下選擇。請參閱第 12 頁的「瀏覽螢幕顯示選單」。
5	⏻(電源 / 待機) 按鈕	按此按鈕可開啟顯示器的電源，或讓顯示器進入待機模式。請參閱第 10 頁的「開機與待機」。

外接裝置面板 (左側)



編號	名稱	說明
1	PC D-SUB (電腦視訊輸入)	用以連接至電腦的視訊 (D-Sub) 輸出端子。請參閱第 8 頁的「連接 PC 視訊輸入」。
	PC AUDIO (電腦音訊輸入)	用以連接至電腦的視訊輸出所對應的音訊輸出端子。請參閱第 8 頁的「連接 PC 視訊輸入」。

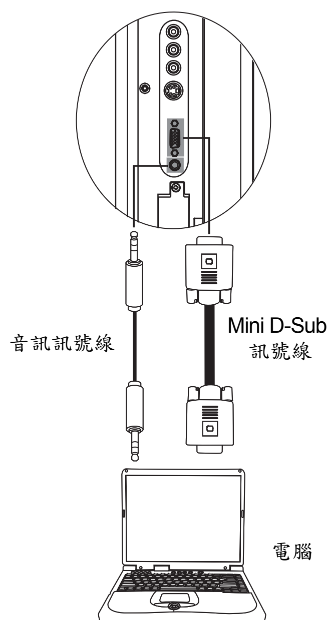
中文

連接 PC 視訊輸入

1. 使用 Mini D-Sub 15 針訊號線 (需另購)，將電腦 (PC) 的 D-Sub 視訊輸出埠連接至顯示器的 PC D-SUB (電腦訊號輸入) 端子。
2. 使用適當的立體聲音訊訊號線 (3.5mm Mini-jack 規格，需另購)，將 PC 的音源輸出插孔連接至顯示器的 PC AUDIO (電腦音源) 輸入端子。

若您要觀賞 PC 視訊輸入的影像，請切換輸入訊號種類至 「VGA」。

若要得到最佳的顯示效果，請將電腦的視訊輸出解析度設為 1360 x 768 (若電腦的顯示卡支援的話)。請參閱第 18 頁的「支援的 PC 輸入訊號解析度」與第 18 頁的「在 PC 上設定適當的輸出解析度」。

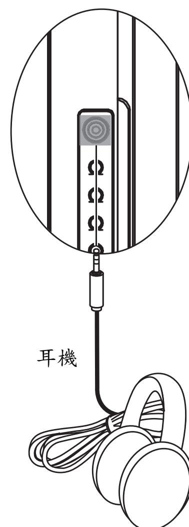


連接耳機輸出

本顯示器提供一個耳機輸出插孔，可供您外接耳機使用。

將耳機的輸入插頭 (3.5mm Mini-jack 規格) 插入顯示器上的耳機輸出插孔即可。

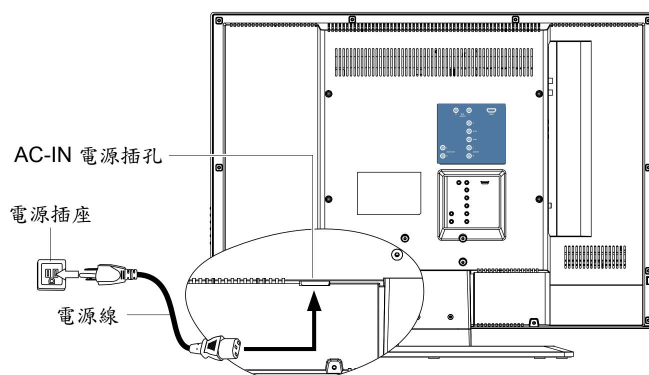
在連接耳機後，顯示器的揚聲器會馬上變成靜音狀態。



中文

連接電源線

1. 將電源線的一端連接到顯示器後方的 **AC-IN** 電源插孔。
2. 將電源線的另一端連接到電源插座上。顯示器將會進入待機狀態，且電源指示燈會亮紅色。

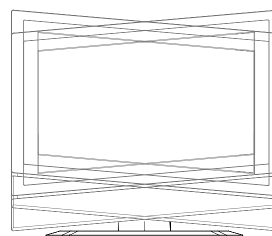


請務必使用符合您當地電源規範的電源線。勿使用外表已毀損的電源線。切勿自行變更電源線的插頭種類。當使用延長線或多頭插座時，請特別注意不要超過其負載。

警告：本顯示器是以最高的安全性為設計和製造原則，然而若不當使用，可能會有觸電或引發火災的危險。本顯示器內部沒有您可以自行維修的零件。請勿自行分解顯示器或嘗試進行維修，以免發生危險。

調整螢幕角度

本顯示器的螢幕可向左或向右旋轉 (最大約 15 度)。您可以依照您的觀賞環境，調整螢幕至最舒適的觀看角度。



基本操作

開機與待機

打開顯示器的電源

將電源線插入電源插座後，顯示器將會自動進入待機狀態，且電源指示燈將會亮紅色。按顯示器上的 **(電源 / 待機)** 按鈕。顯示器將會開機，且電源指示燈會亮綠色。

讓顯示器進入待機狀態

在顯示器開機的狀態下，按顯示器上的 **(電源 / 待機)** 按鈕，顯示器將進入待機模式，且電源指示燈將會亮紅色。

顯示器在待機狀態下仍會消耗少許電力 (約 1W)。

調整聲音

調整音量

- 按顯示器上的 **VOL (音量)** ▲ 按鈕可增加音量。螢幕上的音量指示長度將會增加，代表音量正在增加。
- 按顯示器上的 **VOL (音量)** ▼ 按鈕可降低音量。螢幕上的音量指示長度將會減少，代表音量正在降低。

螢幕顯示選單

螢幕顯示選單架構

選單項目	輸入訊號來源
	VGA
畫質	• 亮度 • 對比 • 色溫 • 自動 • 相位 • 同步 • 垂直位置 • 水平位置
進階畫質	• 背光亮度
聲音	• 平衡 • 聲音模式 • 頻道穩定音 • 虛擬環繞音效 • 高音 • 低音
喜好	• 無訊號自動關機 • 睡眠時間 • 語言 • HDMI 輸入 • 重設為出廠預設值

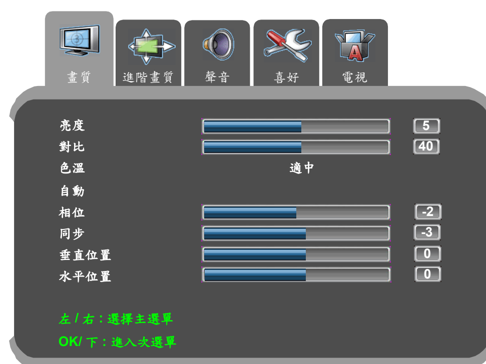
- 可使用的選單選項會根據您所選擇的輸入訊號來源而定。無法使用的選單選項將會變成灰色或不顯示。
- 請參閱：

第 13 頁的「畫質選單」
第 14 頁的「進階畫質選單」
第 14 頁的「聲音選單」
第 15 頁的「喜好選單」

中文

瀏覽螢幕顯示選單

您可以透過螢幕顯示選單調整各種不同的設定。按顯示器上的 **MENU (選單)** 按鈕可顯示螢幕顯示選單：



螢幕顯示選單中的操作

- 按顯示器上的 **CH (選擇)** ▲、**CH (選擇)** ▼ 按鈕可以選取選單選項。
- 按顯示器上的 **VOL (音量)** ▲ 或 **VOL (音量)** ▼ 按鈕可以變更設定。
- 按顯示器上的 **MENU (選單)** 按鈕可退出螢幕顯示選單。

以調整畫面亮度為例：

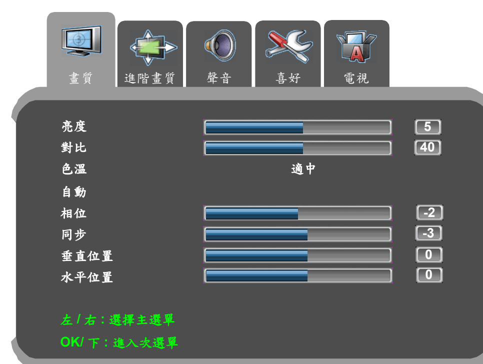
1. 按顯示器上的 **MENU (選單)** 按鈕顯示螢幕顯示選單。
2. 按 **VOL (音量)** ▲、**VOL (音量)** ▼ 按鈕選擇畫質。
3. 按 **CH (選擇)** ▲、**CH (選擇)** ▼ 按鈕選擇亮度。
4. 按 **VOL (音量)** ▲、**VOL (音量)** ▼ 按鈕調整畫面的亮度至您滿意的程度。
5. 按 **MENU (選單)** 按鈕退出螢幕顯示選單。

中文

畫質選單

選單中顯示的選項會因為輸入訊號的種類不同而異。

右圖所示的選單選項與設定僅供參考。



選項	功能
亮度	用以調整影像的亮度。請參閱下述的「調整亮度」。
對比	用以調整影像的對比度。請參閱下述的「調整對比」。
色溫	調整影像的整體色彩。暖色相當於較紅的影像，而冷色則相當於較藍的影像。
自動	讓顯示器自動調整 VGA 輸入畫面的同步、相位、水平位置與垂直位置。
相位	調整影像以清除水平扭曲等之類的任何雜訊，讓顯示的字體更清晰或更鮮明。
同步	調整您的液晶顯示器，使其符合輸入來源。當圖樣出現時會使用到。
水平位置	手動調整 VGA 輸入畫面的水平位置。
垂直位置	手動調整 VGA 輸入畫面的垂直位置。

調整對比

1. 先將對比度調到最高，再往下調整。
2. 在調整過程中，使亮部細節 (如大理石上的紋理) 由全白中慢慢浮現，直到細節不再出現之對比最高值，即為最佳對比。如再降低，亮部過暗，顏色飽和度及立體感則會消失。

調整亮度

1. 先將亮度調到最低，再往上調整。
2. 在調整過程中，使暗部細節 (如主播黑西裝上的紋理) 慢慢浮現，直到細節不再出現之亮度最低值，即為最佳亮度。如再提高，黑色會轉為偏灰白色，亮度即過亮。

進階畫質選單

☞ 選單中顯示的選項會因為輸入訊號的種類不同而異。

右圖所示的選單選項與設定僅供參考。



選項	功能
背光亮度	調整液晶面板的背光亮度。

聲音選單

☞ 選單中顯示的選項會因為輸入訊號的種類不同而異。

右圖所示的選單選項與設定僅供參考。



選項	功能
平衡	調整顯示器之內建揚聲器的音量平衡。
聲音模式	當您欣賞的節目或影片支援多重聲道或多國語言播送時，您可以使用本功能來選擇想要的聲音類型。 ☞ 可選擇的選項將依所接收的音訊格式是否支援而定。
頻道穩定音	若設為「開」，在觀賞節目時，本功能可自動調整不同頻道間的聲音大小，使其達到一致。
虛擬環繞音效	開啟或關閉顯示器的環繞音效效果。
高音	調整高音音調。
低音	調整低音音調。

喜好選單

選單中顯示的選項會因為輸入訊號的種類不同而異。

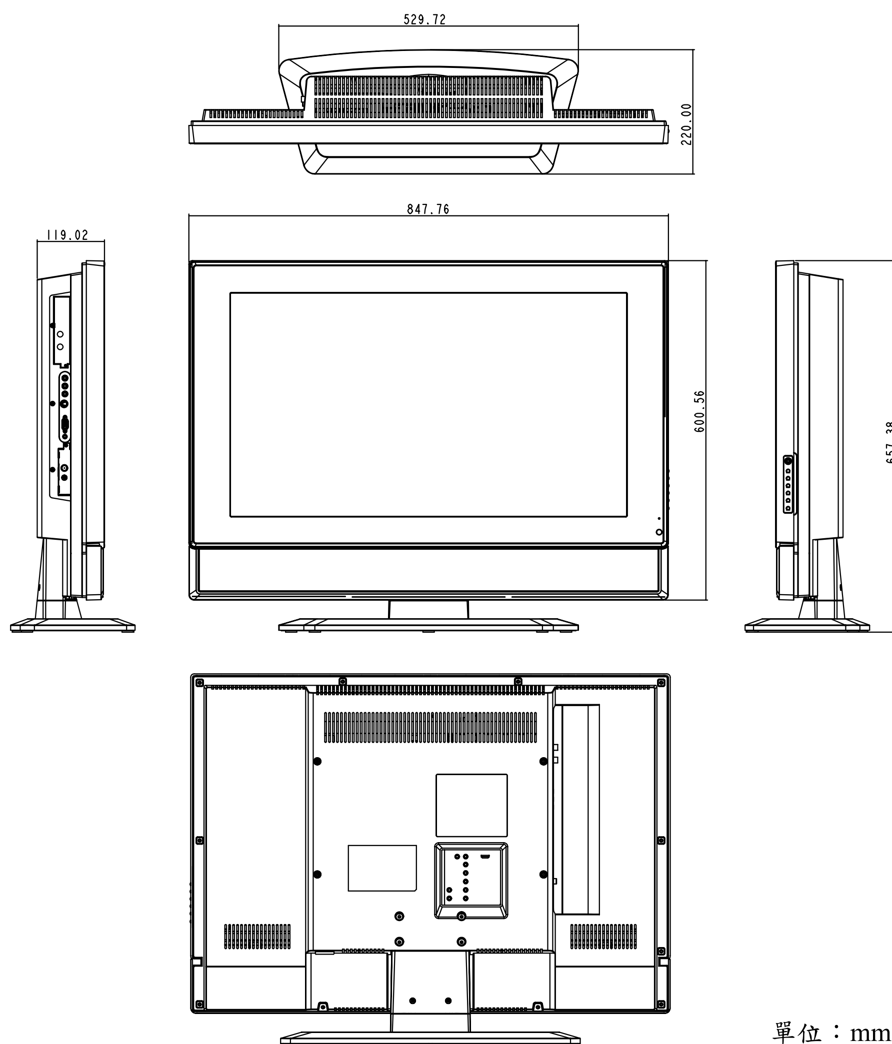
右圖所示的選單選項與設定僅供參考。



選項	功能
無訊號自動關機	若設定為「開」，在顯示器偵測不到 PC 輸入訊號時，會自動進入省電模式。
睡眠時間	設定顯示器的預設自動關機時間。在設定後，此處會顯示到關機前所剩餘的時間。一旦到達設定的時間，顯示器會自動進入待機模式。
語言	選擇螢幕顯示選單所使用的語言。
HDMI 輸入	選擇 HDMI 輸入的訊號模式類型。例如，若您連接的是電腦，請選擇「PC -DVI 訊號」，若您連接的是視訊設備 (如 DVD 播放機等)，請選擇「HDMI 訊號」。
重設為出廠預設值	重設所有設定並還原回出廠的預設值。

中文

尺寸圖



單位：mm

規格

機型		32PF1700T/96
重量（淨重）		15.14 Kg
尺寸（寬 x 高 x 深，概略值）		847.76 × 657.38 × 220 mm
畫面尺寸 (概略值)		32 英吋
畫面比例		16:9
液晶面板解析度		1366 × 768
液晶面板亮度 (典型值)		500 cd/m^2 (典型值)
液晶面板對比度 (典型值)		1200:1 (典型值)
可視角度 (左 / 右 / 上 / 下)		88°/88°/88°/88°
反應時間 (Gray to Gray)		8 毫秒
內建揚聲器		8W × 2
訊號輸入	類比視訊	• 複合視訊 (AV) × 1 • S-Video 視訊 × 1 • 色差視訊 (Y C_B/P_B C_R/P_R) × 1 • S-Video/ 複合視訊音訊 × 1 • 色差視訊音訊 × 1
	圖形 / 數位視訊	• HDMI × 1 • PC D-Sub × 1 • PC 音訊 × 1 • DVI 音訊 × 1
訊號輸出		• 耳機輸出 × 1 • 立體聲音訊輸出 × 1
電源供應		AC 100 - 240V，50- 60 Hz
消耗功率		180W
操作溫度		0°C~40°C (於海平面高度)
儲存溫度		-20°C ~ 50°C (於海平面高度)

上述規格如有變更，恕不另行通知。

支援的 PC 輸入訊號解析度

解析度	水平頻率 (KHz)	垂直頻率 (Hz)	頻寬 (MHz)	備註
640 × 480	31.5	60	25.18	DOS
640 × 480	35	67	30.24	Mac
640 × 480	37.5	75	31.5	VESA
640 × 480	37.86	72.81	31.5	
720 × 400	31.47	70.08	28.332	DOS
800 × 600	35.16	56.25	36	VESA
800 × 600	37.9	60.32	40	
800 × 600	46.9	75	49.5	
800 × 600	48.08	72.19	50	
848 × 480	29.83	59.659	31.5	
1024 × 768	48.4	60	65	
1024 × 768	56.5	70	75	
1024 × 768	60	75	78.75	
1064 × 600	37.352	59.859	50.5	
1280 × 720	44.772	59.855	74	
1280 × 768	47.776	59.87	79.5	
1360 × 768	47.7	60	85.5	

- 本顯示器僅支援以上表格中所列出的 PC 輸入訊號解析度。
- 若要得到最佳的電腦視訊顯示效果，請將電腦的視訊輸出解析度設為 1360 x 768 (若電腦的顯示卡支援的話)。
- 若影像會跳動或字體會閃動，請使用「畫質」選單中的「自動」功能來重新校正影像。請參閱第 13 頁的「自動」。

在 PC 上設定適當的輸出解析度

若您需要將電腦 (PC) 視訊輸出連接到本顯示器上使用，請先依照下列說明 (以在 Windows XP 作業系統中的設定為例) 在 PC 上設定適當的輸出解析度：

1. 在 Windows 的桌面上按一下滑鼠右鍵，然後從出現的選單中選擇**內容**。
2. 在接著出現的視窗中，按一下**設定值**標籤。
3. 拖曳**螢幕解析度**滑棒，根據上表中的「支援的 PC 輸入訊號解析度」選擇相容的解析度 (若您電腦的顯示卡支援，請將之設為 1360 x 768 或最近似的解析度)。
4. 按**確定**按鈕儲存設定並關閉視窗。
5. 切換至您所要使用的 PC 輸入訊號。

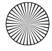
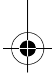
故障排除

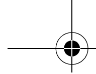
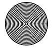
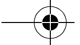
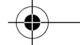
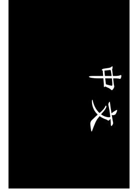
若您在使用顯示器時遇到問題，請在致電客戶服務中心之前，檢查以下列表內容，並嘗試以下步驟自行診斷和解決問題以節省您寶貴的時間。

故障現象	可能的原因
沒有畫面	• 確定電源線已正確地插在有接地措施的電源插座上。 • 確定您所選擇的輸入來源已連接到正常運作的設備上。 • 確定顯示器的電源已經打開。 • 如果您的液晶顯示器以 VGA 模式連接到您的電腦的話，請按鍵盤上的任一鍵喚醒您的電腦。
沒有聲音	• 確定您的液晶顯示器並未接上耳機。 • 檢查聲音選單中的選項設定。
畫面扭曲或聲音異常	可能受到了電器設備、汽車、機車或日光燈的干擾。請試著將您的液晶顯示器移到其他位置看看是否有所改善。
顏色異常	確定輸入來源訊號線穩固且正確地接在您的液晶顯示器上。 使用 OSD 選單將色溫選項設定值恢復到原廠預設值。
影像異常	• 確定輸入來源訊號線已穩固且正確地接妥。 • 確定輸入來源在您的液晶顯示器的範圍內。 • 比對輸入來源的規格和您的液晶顯示器的規格。
影像大小不正確	如果您使用的是 VGA 模式的話，請確定 OSD 選單中畫質選項的水平位置和垂直位置的設定值正確無誤。
影像正常，但是沒有聲音	• 確定音量並未調低。 • 確定沒有啟動靜音功能。 • 確定您的聲音輸入來源訊號線已穩固且正確地接妥。
畫素的問題	您的液晶顯示器是以極度的高精密技術製造而成。然而，您的液晶顯示器的某些畫素偶爾也可能符合產業規格但卻無法正確顯示，這是這類產品固有的缺點，且容易產生瑕疵品。
螢幕的雜訊	當您的液晶顯示器的數位能力超過數位訊號時，訊號就會向上轉換 (增強) 以配合您的顯示器的顯示能力。向上轉換會產生雜訊或不必要的訊號。
螢幕模糊	顯示設備會因日久而產生亮度衰減情形。正常的亮度衰減是不在保固範圍內的。

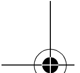
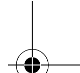
技術支援

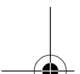
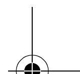
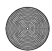
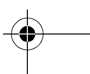
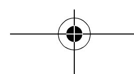
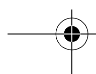
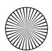
如果上述的疑難排解資訊無法解決您的問題，或是您的液晶顯示器發生其他問題的話，請連絡您當地的經銷商。

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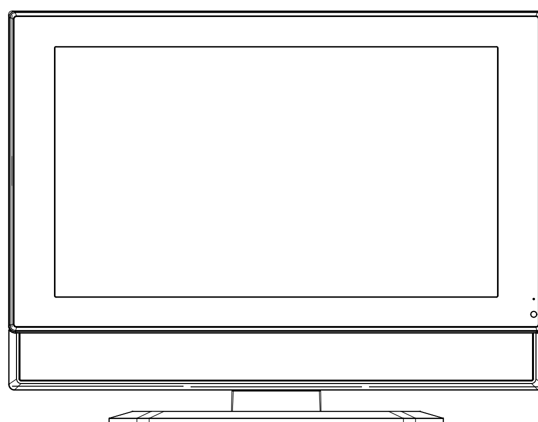



32PF1700T/96

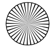
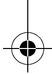
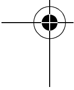
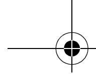
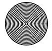
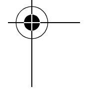
Philips 32PF1700T/96 LCD Display User Manual

English

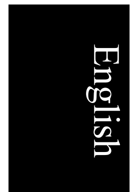


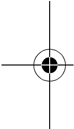
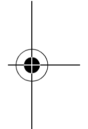
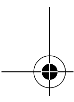
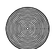
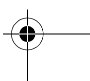
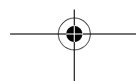
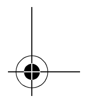
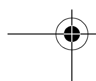
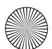
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PHILIPS

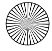
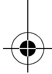
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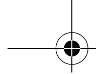
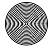
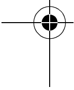
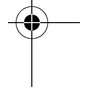


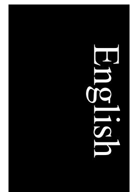
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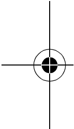
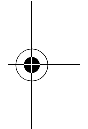
Table of Contents

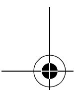
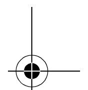
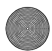
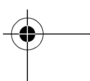
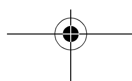
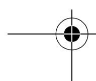
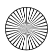



<Memo>



Preface

Thank you for purchasing this LCD Display.

Please read this User Manual carefully to ensure the safety while operating this display.

- Please keep this manual and the supplied warranty card in a safe place so that you can quickly obtain solutions in case you encounter problems when using the display.
- Please be sure to check the consistency of the serial numbers printed on the warranty card and the specifications label on the rear of the display.

English

For safety reasons, please pay special attention to the following reminders and precautions.

In occasions of emergency:

- Unplug the display immediately and contact the service center should you discern any abnormal phenomenon from the display.
- It is dangerous to keep using the display while problems occur (for example, when there is no sound, no image display or there is a strange odor.) Unplug the display and contact the service center immediately for help.
- Do not remove the rear cover of the display by yourself in order to avoid possible electric shock. Have certified and authorized professionals do the check and maintenance whenever the display needs service.

For your safety:

- Avoid connecting the display to a multiple outlet power board.
- Do not block the vents on the display or place any objects near the rear cover. Place the display where appropriate air circulation is available.
- Be sure to unplug the display from power source before cleaning.
- This display uses 100 - 240V, 50- 60 Hz AC power.
- Under close examination and in certain circumstances, you may notice that a few non-active pixels appear on the screen as a fixed point of color. Please note that this does not affect the performance of the display as it is usually not visible at normal viewing distances.
- If the display is not going to be used for an extended period of time (like when you are going away for holidays), it should be unplugged from the power source.

Note

Under strong external interferences (like excess static electricity or thunder which may affect normal power supply), the display may not respond to your operations. In such cases, unplug and re-plug display power and try again.

English

Important safety information

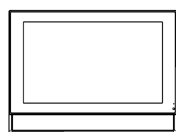
Before using the display, please pay attention to the following safety precautions:

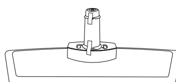
1. Read this manual carefully and keep it in a safe place for future reference.
2. Operate the display according to the instructions.
3. Unplug the display from power source before cleaning. Do not use cream, liquid, aerosol or spray cleaners. Use only a slightly damp well wrung-out (drip-free) and lint-free, clean soft cloth and lightly wipe the display. Do not allow any pointed or hard objects to come into contact with the surface of the LCD screen.
4. Do not place the display near water, like a spa or pool, or in a position which will allow the splashing or spraying of water onto the display, like in front of an open window where rain water may enter.
5. Do not place the display on an uneven, sloping or unstable surface where it may fall and cause damage to itself or others.
6. Do not place the display in an enclosed place without allowing for ventilation. If wall mounting, allow 10 cm of space on all sides (30 cm on the top side) for proper air circulation. Avoid mounting the display other than the horizontal orientation to prevent possible damages.
7. Use only the correct type of power source. If you are not sure, please consult your dealer or the customer service center.
8. To prevent electric shock, fully insert the power plug. Do not modify the plug by yourself. Change the type of mains power socket if necessary.
9. Do not route the power cable near any heat sources or place any objects on it. Otherwise the cable can be damaged and result in danger.
10. Be aware of total loading should you need to use extension cords or multiple outlet power boards. Make sure that the total loading does not exceed 12A. Overloading may damage the power system or result in fire.
11. If necessary, remove the antenna cable from the AV box (optional) to prevent the possibility of damages caused by thunder strikes.
12. This display is designed to comply with FCC standards for Class B devices. Should any unknown interferences occur, please contact professionals for help.
13. Do not let the LCD screen display static images (text, logos or pictures) for a prolonged period of time to prevent possible image burn-in.
14. Do not use any non-certified accessories, such as a third-party wall mounting bracket. Otherwise the display may fall and result in damages.
15. Do not touch a broken LCD screen panel with bare hands or let the liquid crystal get into contact with any parts of your body. Wash it off with suitable detergents if contacted. Dispose of the display properly according to your local regulations.
16. Should any malfunctions occur, refer service or repair only to authorized personnels or call customer service center (Tel: 0800-231099) for help. Do not attempt to repair the display by yourself.
17. Contact authorized service personnel immediately for help in the following occasions:
    - When the power cable or power plug is damaged or become frayed
    - When objects fall into the interior of the display, or the display is spilled by liquids or rain water
    - When the display functions apparently abnormal than usual
    - When the display falls and becomes damaged

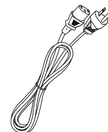
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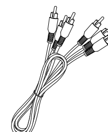
Package contents

Unpack the display and check that all the following items are included:


LCD display (x1)

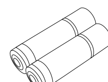

Swivel base(x1)


Power cord (x1)


Composite (AV) cable (x1)


User Manual (x1)


Warranty card (x1)


AAA battery (x2)

The type of power cable supplied may differ from that illustrated, dependant upon your region of purchase.

If any item is missing or damaged, contact your place of purchase immediately and notify them of the discrepancy. Please keep the product documentation in a safe place for later reference.

Dispose of packaging wisely:

- **The cardboard carton can be recycled.**
- **Do not leave plastic bags within reach of young children or babies.**
- **Consider storing the packaging (if possible) for future transport of the display.**
- **Check that you haven't left an accessory inside the packaging, before discarding.**

Installing the swivel base

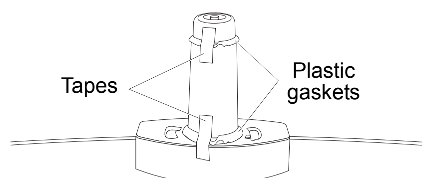
Precautions

Before installing the swivel base, pay attention to the following:

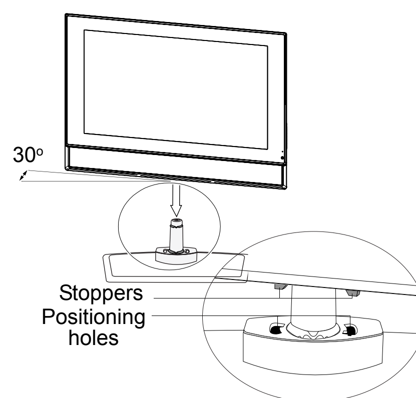
- For safety reasons, it is recommended that the installation be carried out by at least two adult persons.
- The LCD screen panel of the display is extremely fragile and vulnerable to scratches. Avoid touching the screen or let it come into contact with any objects when moving the display. If possible, cover the display with a soft piece of cloth to protect the screen when performing swivel base installation.
- Be sure to place the display on a horizontal, flat and hard surface to prevent it from tipping over or falling.

English

1. Take the swivel base from the packaging and peel off the tapes that secure the plastic gaskets on the swivel base axle.



2. Lift the display up and insert the swivel base axle into the swivel hole at the bottom side of the display at an angle of 30 degrees. When inserting, make sure that the stoppers on the display are properly aligned and inserted into the positioning holes on the swivel.



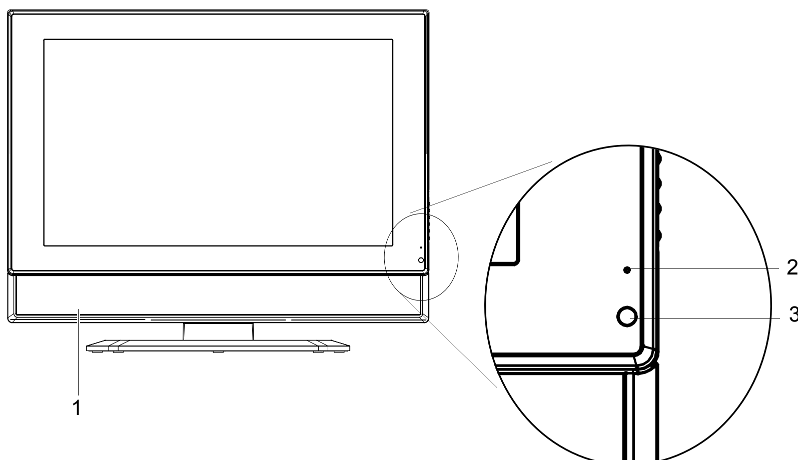
3. After the axle is completely inserted, turn the display so it faces straight forward.



English

Getting to know your display

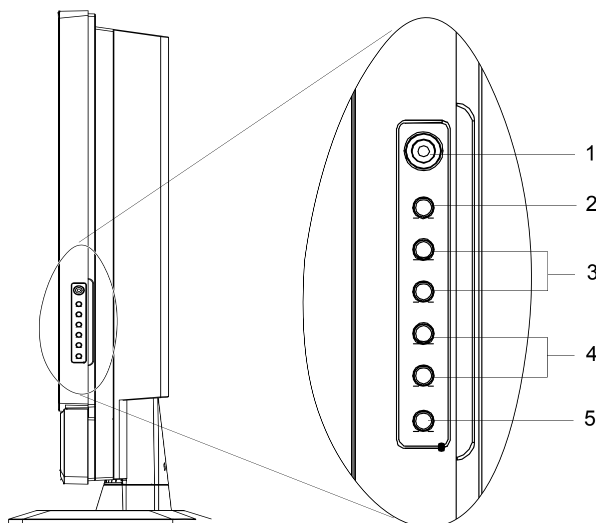
Front view



No.	Name	Description
1	Speakers	Left and right speakers for reproducing high-quality stereo audio.
2	Power indicator	• Lights up green when the display is powered on. • Lights up red when the display is in standby mode. See "Power on and standby" on page 10.
3	Remote control sensor window	Receives command signals from the remote control. Do not obstruct the sensor by placing any objects in front of it, which will hinder the reception of signals.

English

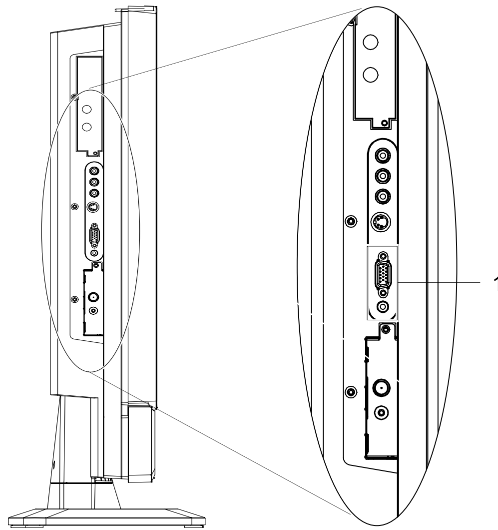
Control panel (right side view)



No.	Name	Description
1	Headset socket	This socket is an audio output for connecting an external headset. The display's speakers will be muted whenever the headset socket is being used. See "Connecting the headset audio output" on page 8.
2	**MENU** button	Displays the OSD menu if not visible, or exits the current menu if displayed. See "The On-Screen Display (OSD) menu" on page 11.
3	**VOL (Volume)** ▲/▼ button	• Adjusts the volume level of the speakers. See "Adjusting speaker volume" on page 10. • In the OSD menu, moves the selection highlight left or right or changes settings. See "Navigating the OSD menu" on page 12.
4	**CH (Selection)** ▲/▼ button	In the OSD menu, moves the selection highlight up or down. See "Navigating the OSD menu" on page 12.
5	⏻(Power/standby) button	Toggles the display between standby mode and on. See "Power on and standby" on page 10.

English

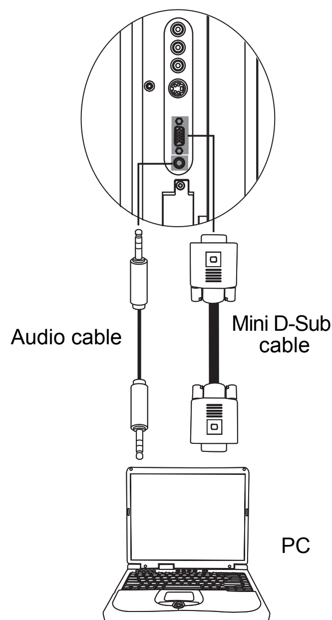
External terminals panel (left side view)



No.	Name	Description
1	PC D-SUB	Connect to the PC video (D-Sub) output of a PC. See "Connecting the PC input" on page 8.
	PC AUDIO	Connect to the audio output to match that of the D-Sub video output on a PC. See "Connecting the PC input" on page 8.

English

Connecting the PC input

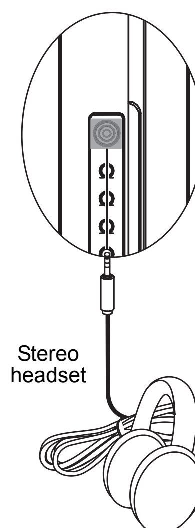


1. Connect the VGA D-Sub output of your PC to the PC D-SUB terminal on the display using a Mini D-Sub (15-pin) cable (not provided).
2. Connect the audio output of your PC to the display's PC AUDIO terminal using an appropriate 3.5mm Mini-jack stereo audio cable (not provided).

To view video image from this input, please select **VGA** as the input source.

When you connect the display to a PC, you should adjust the resolution in the display properties of the computer to closely match the native resolution of the display (for example, 1360 x 768 pixels). See "Supported PC input signal resolutions" on page 18 and "Setting up appropriate output resolution on PC" on page 18.

Connecting the headset audio output



This display provides a stereo headset output socket for delivering the audio signal to a stereo headset.

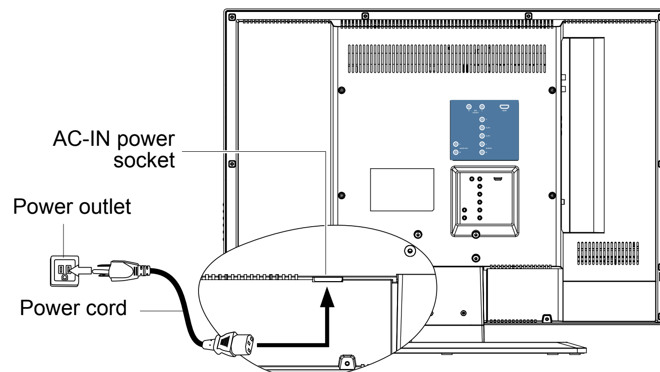
Connect the stereo headset plug (3.5mm Mini-jack type) to the stereo headset output socket on the display using a suitable audio cable.

Once connected, the display speakers will be muted automatically.

English

Connecting power

1. Connect one end of the power cord to the **AC-IN** power socket on the display.
2. Connect the other end of the power cord to the power outlet. The display will enter standby mode and the power indicator will light up red.

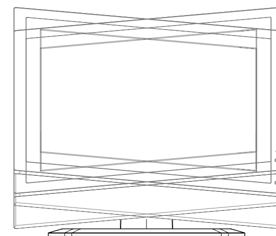


Only use an appropriate power cable for your region. Never use a power cable which appears damaged or frayed. Never change the plug type on a power cable. Be aware of total loading when using extension cords or multiple outlet power boards.

WARNING: This display has been engineered and manufactured with the highest priority on safety, however, IMPROPER HANDLING OR USE CAN RESULT IN POTENTIAL ELECTRICAL SHOCK OR FIRE HAZARD. Please handle this display with care. If damaged, unplug the power cable from the display. Transport the display to your nearest authorised service centre for repair.

Adjust viewing angle

This display is equipped with an adjustable swivel base. If necessary, turn the display screen to an appropriate angle (max. approximately 15 degrees left and right) for more comfortable viewing.



English

Basic operations

Power on and standby

Turning the display on

After plugging the display's power cable into a wall outlet and turning on the main power switch, the display will enter standby mode automatically. The power indicator will light up red. Press ⏻ **(Power/standby)** on the display. The display will turn on and the power indicator will change to green.

Putting the display to standby

Press ⏻ **(Power/standby)** on the display again, and the display will return to standby mode. The power indicator will turn red.

☞ **The display still consumes a very small amount of power (about 1W) in standby mode.**

Adjusting sound

Adjusting speaker volume

- Press **VOL (Volume)** ▲ on the display to increase volume. The volume indicator increases in length as volume rises.
- Press **VOL (Volume)** ▼ on the display to decrease volume. The volume indicator decreases in length as volume falls.

The On-Screen Display (OSD) menu

OSD menu structure

Menu	Input signal source
	VGA
PICTURE	• Brightness • Contrast • Colour Temp. • Auto • Phase • Synchronization • V. Position • H. Position
PICTURE AD. (ADVANCED)	• Backlight Level
AUDIO	• Balance • Sound Type • Volume Leveling • Virtual Surround • Treble • Bass
PREFERENCE	• Eco Mode • Sleep Timer • Language • HDMI Input • Reset All Setting

English

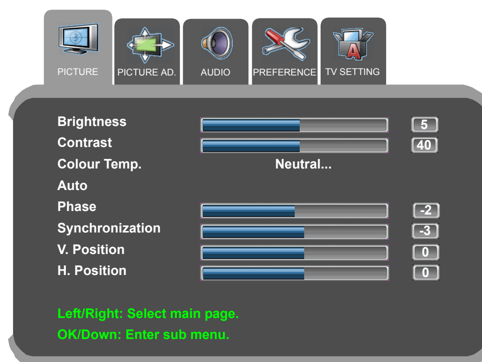
- **The available menu items are dependent on the input source being selected. Unavailable items will be greyed out or not displayed.**
- **For details see:**

"PICTURE menu" on page 13
"PICTURE AD. (ADVANCED) menu" on page 14
"AUDIO menu" on page 14
"PREFERENCE menu" on page 15

English

Navigating the OSD menu

You can use the OSD menu to adjust the settings on your display. To display the OSD menu, press **MENU** on the display.



Operations in the OSD menu

- Press **CH (Selection)** ▲ or **CH (Selection)** ▼ to make selections.
- Press **VOL (Volume)** ▲ or **VOL (Volume)** ▼ to change settings.
- Press **MENU** to return to the previous menu level, or close the OSD menu.

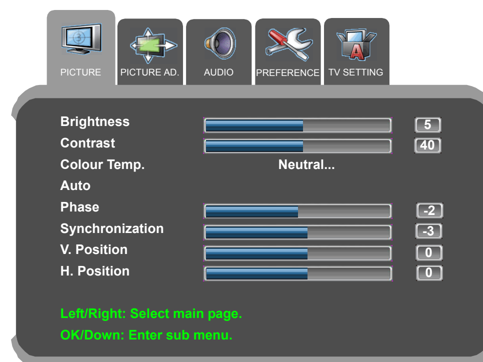
For example, to adjust picture brightness:

1. Press **MENU** to display the OSD menu on-screen.
2. Press **VOL (Volume)** ▲ or **VOL (Volume)** ▼ to select **PICTURE**.
3. Press **CH (Selection)** ▲ or **CH (Selection)** ▼ to select **Brightness**.
4. Press **VOL (Volume)** ▲ or **VOL (Volume)** ▼ to make adjustment.
5. Press **MENU** to close the OSD menu.

PICTURE menu

☞ **The available menu items are dependent on the input source being selected.**

The illustration is for reference only.



English

Item	Description
Brightness	Adjusts image brightness. See "Adjusting Brightness" below.
Contrast	Adjusts image contrast. See "Adjusting Contrast" below.
Colour Temp.	Adjusts overall image color temperature. The warmer the color temperature, the reddish the image looks. The colder the color temperature, the bluish the image becomes.
Auto	Lets the display adjust the **Synchronization**, **Phase**, **H. Position** and **V. Position** settings of the VGA input image automatically.
Phase	Adjusts the image so that the distortions are eliminated, making the image look more clearly.
Synchronization	Adjusts the synchronization setting of the display to match that of the input source.
V. Position	Manually adjusts the vertical position of the image on the screen.
H. Position	Manually adjusts the horizontal position of the image on the screen.

Adjusting Contrast

1. Set the contrast to the highest level.
2. Gradually decrease the contrast level until you reach the point where the details in the bright areas of the image can be seen clearly. Do not further decrease the contrast level to avoid losing the saturation of colors.

Adjusting Brightness

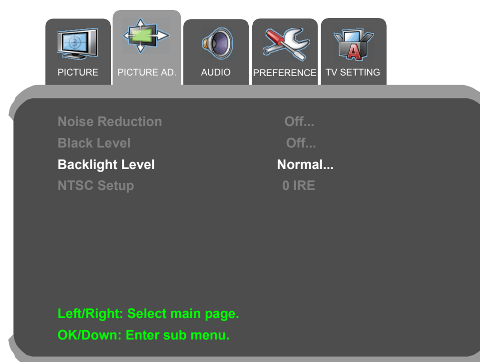
1. Set the brightness to the lowest level.
2. Gradually increase the brightness level until you reach the point where the details in the dark areas of the image can be seen clearly. Do not further increase the brightness level to avoid the black areas from looking grayish.

English

PICTURE AD. (ADVANCED) menu

The available menu items are dependent on the input source being selected.

The illustration is for reference only.

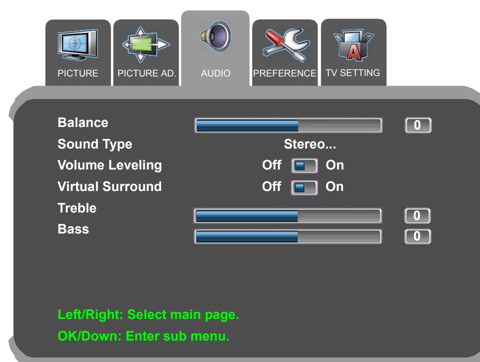


Item	Description
Backlight Level	Adjusts the backlight level of the display's LCD screen panel.

AUDIO menu

The available menu items are dependent on the input source being selected.

The illustration is for reference only.

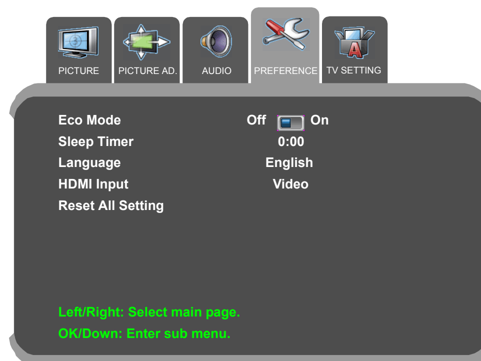


Item	Description
Balance	Adjusts left or right speaker volume level.
Sound Type	Selects a sound type when viewing programs or videos that support multiple sounds. **Available options are dependent upon received signal.**
Volume Leveling	If set to On, the display automatically adjusts the sound level to be constant amongst different channels.
Virtual Surround	Activates or deactivates the virtual surround sound effect.
Treble	Adjusts treble tones.
Bass	Adjusts bass tones.

PREFERENCE menu

☞ **The available menu items are dependent on the input source being selected.**

The illustration is for reference only.

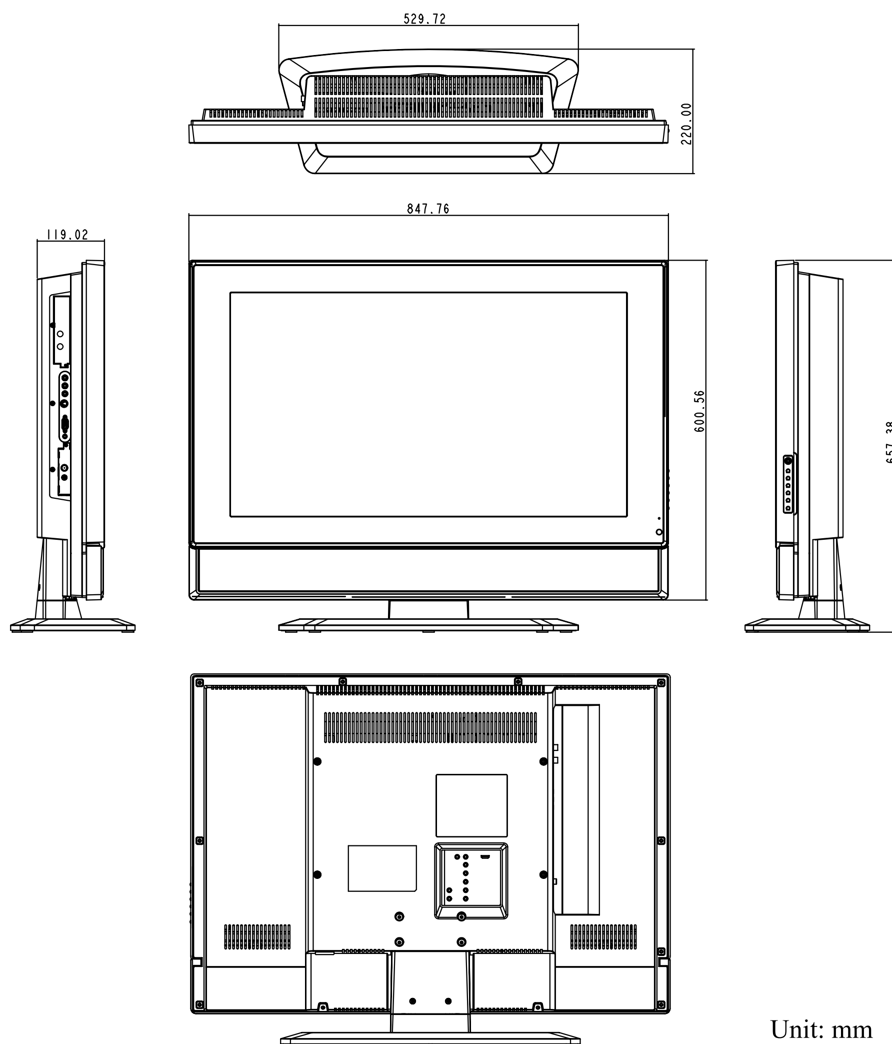


English

Item	Description
Eco Mode	Once set to **On**, the display will activate the Display Power Management System (DPMS) and enter standby mode when no PC input signal is detected.
Sleep Timer	Set the Sleep Timer and you can view the remaining time here. Once the time expires, the display will be put to the standby mode automatically.
Language	Select your desired language for the OSD menu.
HDMI Input	Select the HDMI input mode according to the device connected. Select **PC** if a PC is connected. If a video device (for example, a digital Set Top Box) is connected, select **Video**.
Reset All Setting	Restore all settings to their default values.

English

Dimensions



Unit: mm

English

Specifications

Model	32PF1700T/96
Weight (Net)	15.14 Kg
Dimensions (W × H × D)	847.76 × 657.38 × 220 mm
LCD panel size	32"
Aspect ratio	16:9
Native resolution	1366 × 768
LCD panel brightness (typical)	500 cd/m^2
LCD panel contrast ratio (typical)	1200:1
Viewing angle (left/right/up/down)	88°/88°/88°/88°
Response time (Gray to Gray)	8 ms
Built-in speakers	8W × 2
Input	• Composite Video (AV) × 1 • S-Video × 1 • Component Video (Y CB/PB CR/PR) × 1 • Composite Video/S-Video audio × 1 • Component Video audio × 1
	• HDMI/DVI × 1 • PC D-Sub × 1 • PC audio × 1 • DVI audio × 1
Output	• Stereo audio × 1 • Headset × 1
Power supply	AC 100 - 240V, 50- 60 Hz
Power consumption	180W
Operating temperature	0°C~40°C (at sea level)
Storage temperature	-20°C ~ 50°C (at sea level)

Design and specifications are subject to change without notice.

Supported PC input signal resolutions

Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)	Dot Clock Frequency (MHz)	Note
640 × 480	31.5	60	25.18	DOS
640 × 480	35	67	30.24	Mac
640 × 480	37.5	75	31.5	VESA
640 × 480	37.86	72.81	31.5	
720 × 400	31.47	70.08	28.332	DOS
800 × 600	35.16	56.25	36	VESA
800 × 600	37.9	60.32	40	
800 × 600	46.9	75	49.5	
800 × 600	48.08	72.19	50	
848 × 480	29.83	59.659	31.5	
1024 × 768	48.4	60	65	
1024 × 768	56.5	70	75	
1024 × 768	60	75	78.75	
1064 × 600	37.352	59.859	50.5	
1280 × 720	44.772	59.855	74	
1280 × 768	47.776	59.87	79.5	
1360 × 768	47.7	60	85.5	



- **Resolutions outside of the table above are not recognised and will not be displayed.**
- **When you connect the display to a PC, you should adjust the resolution in the display properties of the computer to closely match the native resolution of the display (for example, 1360 x 768 pixels).**
- **To view the best quality picture when using the PC input, you will then need to instruct the display to calibrate itself to the PC signal timing. To do so, select 'Auto' in the 'PICTURE' menu. See "Auto" on page 13.**

Setting up appropriate output resolution on PC

Before connecting the display to a PC to display PC video, please follow the instructions below (in Windows XP for example) to setup appropriate output resolution.

1. On Windows Desktop, right-click and select **Properties** from the menu that appears.
2. Click the **Settings** tab in the window that follows.
3. Drag the **Resolution** slider and select a compatible resolution according to "Supported PC input signal resolutions" above. If your PC supports it, select 1360 × 768 as the output resolution for the best result.
4. Click **OK** to save the setting and close the window.
5. Select the **VGA** input on the display.

Troubleshooting

Please check the following list before calling your nearest customer service center, and attempt the following steps to diagnose and fix the problem yourself:

Symptoms	Possible causes
No picture	• Check that the power plug is securely inserted into both the AC-IN socket on the display and the wall outlet. • Check that the equipment connected is working properly. • Check that the display is powered on. • If the display is connected to a PC, press any key to wake the PC up from standby.
No sound	• Check to make sure that the headset is not connected. • Check the settings in the **AUDIO** menu.
The image appears distorted	The display may be receiving interferences from other home appliances or cars..., etc. Try moving the display to a different location.
The colors look abnormal	• Make sure that all signal cables are firmly and correctly connected to the display. • Change the **Colour Temp.** setting to its default value.
The image looks strange	• Make sure that all signal cables are firmly and correctly connected to the display. • Make sure that the input signal resolution is supported by the display. • Check the resolution of the signal on the output device to make sure that it is supported by the display.
Improper image position or size	If the display is displaying VGA input signal, make sure that the **H. Position** and **V. Position** settings in the **PICTURE** menu is appropriate.
There is image display, but no sound	• Check the volume setting. • Check that the mute function is not activated. • Check that all signal cables are firmly and correctly connected to the display.
There are fixed bright or dark dots on the screen	Your display is manufactured using high precision technologies. However, some pixels (dots) on the screen may not display and remain permanently bright or dark. This is considered a normal phenomenon of the LCD technology and not a defect.
There are noises on the screen	This usually happens when the resolution of digital input signal exceeds that supported by the display. Change the signal resolution on the output device and try again.

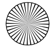
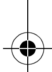
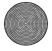
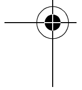
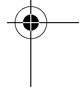
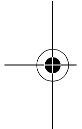
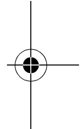
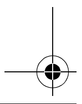
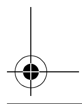






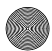
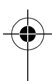
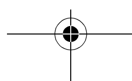
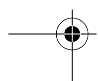
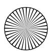
Image looks dark or unclear	The brightness of the LCD screen decreases by time. This is a normal phenomenon and is not covered by product warranty.

Technical support

If problems cannot be solved by following the troubleshooting tips above, please contact your dealer or your nearest customer support center for help.

English

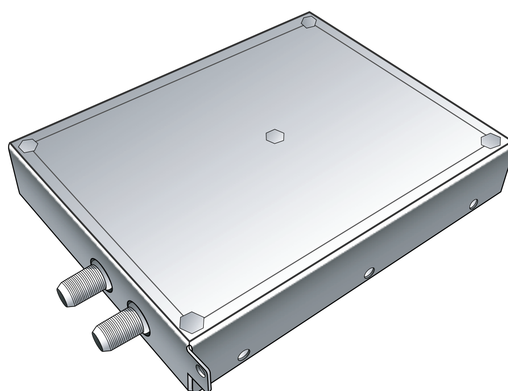






32PF1700T/96

中文

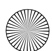
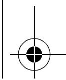
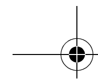
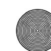
English

TM8W32D/96
彩色液晶顯示器專用數位視訊盒
安裝與使用指南



PHILIPS

P/N: 4J.0AR04.001



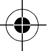
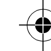
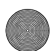
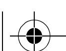
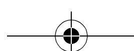
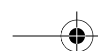
中文

English

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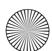
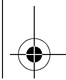
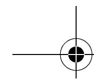
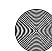
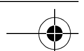
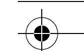
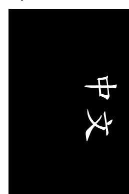
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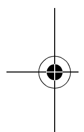
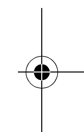
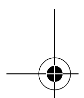
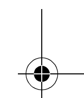







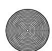
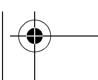
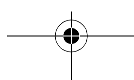

中文

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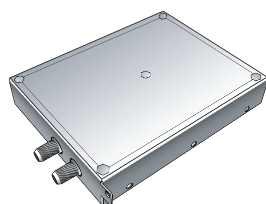
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檢查包裝內容

請檢查包裝中的物品是否齊全。若有任何物品遺失或損壞，請速與您所購買的經銷商聯絡。



數位視訊盒 (x1)



安裝與使用指南 (x1)



固定螺絲 (x1)

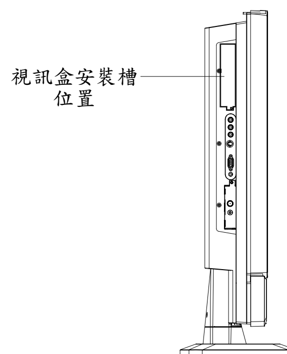
- **本數位視訊盒僅適用於飛利浦 32PF1700T/96 液晶顯示器，請勿將之分解改造或移作其它用途。**
- **您必須另購適當的天線連接至本數位視訊盒使用。建議您選購收訊效果較佳的戶外數位天線，或內建數位強波功能的天線**

安裝數位視訊盒

在您開始安裝前，請先確認執行以下步驟，以確保您在安裝時的安全：

- 建議您戴上適當的絕緣防護手套以防止任何可能的傷害。
- 在安裝前，請先移除視訊盒上之保護膜。
- 請先將顯示器的電源關閉，並將連接至顯示器上的電源線與所有已連接的訊號線取下。
- 確定您在顯示器周圍有足夠的空間進行安裝作業。建議您將顯示器移動到比較方便安裝的地點進行安裝。在安裝完成後，再將顯示器移動回原處。由於顯示器的重量頗重，因此在移動顯示器時建議由兩名以上之成人進行。

1. 將顯示器翻轉至左側，並找出視訊盒的安裝槽位置 (如右圖所示)。

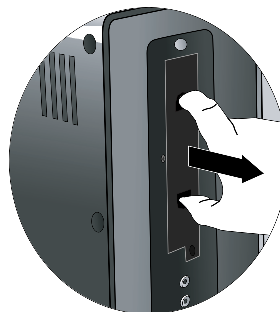


中文

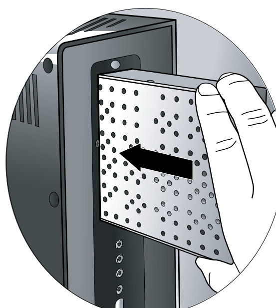
2. 使用適當的十字起子，鬆開安裝槽蓋板的螺絲。



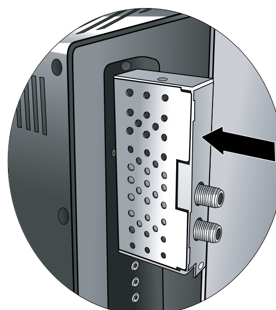
3. 將安裝槽蓋板取下。



4. 請先移除視訊盒上之保護膜，然後如圖所示將視訊盒插入安裝槽中。插入時，請注意視訊盒的方向。



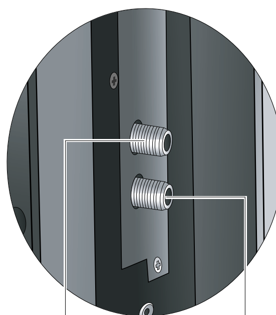
5. 將視訊盒推到底，直到與顯示器平齊為止。



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6. 使用包裝中所附的螺絲與適當的十字起子，將視訊盒鎖緊固定在顯示器上。



7. 在數位視訊盒上有兩個接頭：一個接頭為連接天線輸入之用，另一個接頭為透過回路繞送 (loop-through) 的方式將訊號輸出至其它裝置之用。

將地面天線纜線連接至輸入接頭。如果有需要的話，您也可以將其它裝置連接至輸出接頭。

在完成天線的連接後，請依照下述的「掃描並儲存頻道」的說明掃描並儲存頻道。

輸出 (連接至其它裝置 (若有需要))

輸入 (連接至地面天線訊號纜線)

掃描並儲存頻道

在您能夠開始觀賞數位視訊與聆聽數位廣播前，您必須先讓數位視訊盒掃描並儲存您所在區域所能接收到的數位視訊與廣播頻道。此步驟只需在您第一次安裝數位視訊盒並連接天線，或以後將顯示器移到其它區域使用時執行。

1. 按遙控器上的**電源**開啟顯示器電源，然後按**數位電視**。
2. 按**目錄**顯示螢幕顯示功能表。

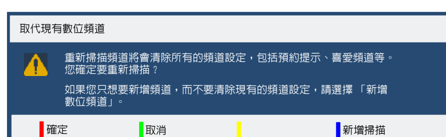
中文

3. 按 ▶ 或 ◀ 選擇**數位電視**功能表，然後按 ▼。



4. 按 ▲ 或 ▼ 選擇**取代現有數位頻道**，然後按 **OK**。

5. 一個警告訊息會接著出現。按**紅色按鈕**繼續。



6. 另一個警告訊息會接著出現。請確認您的天線已經接妥。按**紅色按鈕**繼續。



7. 數位視訊盒會開始掃描所有可接收到的數位視訊與廣播頻道，並將之儲存在記憶體中。根據所能接收到的視訊與廣播頻道數量不同，這可能需要一些時間，請耐心等待。



所能接收到的頻道數量會依您所在區域的收訊狀況與已開播的數位視訊頻道數量而定。

8. 在掃描與儲存程序完成後會出現一個訊息，顯示已掃描並記憶之數位視訊與廣播頻道數量。按**紅色按鈕**繼續。



9. 頻道列表會接著出現在螢幕上，顯示所有已經掃描並儲存完成的數位視訊與廣播頻道資訊。
10. 按**綠色按鈕**關閉頻道列表。



如果今後有新的數位視訊或廣播頻道開播，您可以依照第 9 頁的「新增數位視訊與廣播頻道」的說明將之新增到頻道列表中。

現在您已經完成了欣賞數位視訊與廣播前的準備工作。關於使用這些功能的詳細資訊，請參閱：

- 下述的「觀賞數位視訊節目」
- 第 7 頁的「收聽數位廣播」

觀賞數位視訊節目

若要觀賞數位視訊節目，請按遙控器上的**電源**，然後按**數位電視**。

在第一次安裝數位視訊盒與連接天線後，您必須先掃描與儲存數位視訊頻道。如果您尚未完成此作業，請參閱第 3 頁的「掃描並儲存頻道」的說明進行。

在觀賞數位視訊時，可以進行下列操作：

循序切換頻道

按遙控器上的**頻道** ▲/▼ ，即可循序向前或向後切換頻道。

在切換頻道時，可能會有些許延遲現象。

直接選擇想觀賞的頻道

按遙控器上相對應的頻道號碼按鈕，例如若要選擇第 8 頻道，請按 0、8。若要選擇第 10 頻道，請按 1、0。

快速返回前一個觀賞的頻道

您可以按遙控器上的**返回**，在目前所觀賞的頻道與前一個觀賞的頻道間快速切換。

跳至您所設定的喜愛頻道

1. 按遙控器上的**喜愛頻道**。**喜愛頻道**列表會出現在螢幕上。
2. 按遙控器上的 ▲ 或 ▼ 選擇您想觀賞的喜愛頻道，然後按 **OK**。

關於設定喜愛頻道的方法，請參閱第 13 頁的「設定喜愛頻道」的說明。

調整音量

- 按遙控器上的**音量 +** 可增加音量。螢幕上的音量指示長度將會增加，代表音量正在增加。
- 按遙控器上的**音量 -** 可降低音量。螢幕上的音量指示長度將會減少，代表音量正在降低。

靜音功能

按遙控器上的**靜音**可以暫時關閉聲音。再按一次**靜音**或**音量** +/- 可關閉靜音功能並恢復聲音播放。

顯示 / 隱藏頻道列表

按 **OK** 可顯示包含所有可觀賞之頻道資訊的頻道列表。再按一次 **OK** 即可關閉。

您也可以編輯頻道列表。方法請參閱**第 10 頁的「編輯頻道」****的說明。**

顯示 / 隱藏電子節目表

若要顯示電子節目表，請按遙控器上的 **EPG**。電子節目表包含了視訊頻道、預定播送的節目時間與節目名稱等資訊。再按一次 **EPG** 即可關閉。

電子節目表中的內容會依照所提供的資訊而異。有些資訊可能不會顯示。

畫面上的圖示代表收訊狀況：

- ：收訊狀況極佳
- ：收訊狀況頗佳
- ：收訊狀況尚可
- ：收訊狀況不佳
- ：無訊號

如果收訊狀況不理想，請調整天線的方向與位置，或考慮使用市售的數位強波器，以改善收訊狀況。

在電子節目表畫面中，您可以進行以下操作：

- 按遙控器上的 ▲、▼、▶ 或 ◀ 選擇並反白電子節目表中的節目。
- 按**紅色按鈕**可查閱前一天的電子節目表。
- 按**綠色按鈕**可查閱後一天的電子節目表。
- 按**頻道 ▲/▼** 可查閱前五個或後五個頻道的電子節目表。
- 按 **EPG** 關閉電子節目表。

顯示 / 隱藏目前觀賞節目的資訊

在觀賞視訊節目時，按遙控器上的**資訊顯示**可顯示目前所觀賞節目的詳細資訊。



☞ **顯示的內容會依照所提供的資訊而異。**

詳細資訊中的 ▬▬ 表示節目已經播送的時間。藍色的部分愈長，表示已經播送的時間愈久。

節目的詳細資訊顯示在螢幕上時，您可以進行以下操作：



- 按遙控器上的 ▶ 或 ◀ 選擇並反白目前播送的節目名稱，或下一個即將播送的節目名稱。
- 按 **OK** 檢視關於所選擇之節目的詳細訊息 (若有的話)。
- 按**資訊顯示**關閉詳細資訊。

收聽數位廣播

如果您所在區域提供數位廣播的服務，您也可以利用本數位視訊盒搭配您的顯示器收聽數位廣播。

☞ **在第一次連接天線後，您必須先掃描與儲存數位廣播頻道。如果您尚未完成此作業，請參閱****第 3 頁的「掃描並儲存頻道」****的說明進行。**

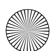
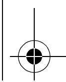
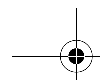
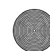
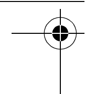
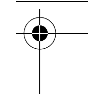
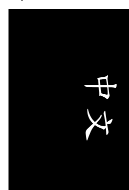
1. 按遙控器上的**數位電視**。
2. 按**目錄**顯示螢幕顯示功能表。
3. 按 ▶ 或 ◀ 選擇**數位電視**功能表，然後按 ▼ 。
4. 按 ▲ 或 ▼ 選擇**數位電視 / 廣播**，然後按 ▶ 或 ◀ 選擇**廣播**。
5. 按**目錄**關閉螢幕顯示功能表。如下圖所示的數位廣播畫面會出現在螢幕上。



在收聽數位廣播時，可以進行下列操作：

循序切換電台

按遙控器上的**頻道** ▲/▼ ，即可循序向前或向後切換想收聽的電台。

直接選擇想收聽的電台

按遙控器上相對應的頻道號碼按鈕，例如若要選擇第 8 個電台，請按 0、8。若要選擇第 10 個電台，請按 1、0。

快速返回前一個收聽的電台

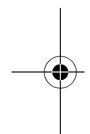
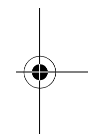
您可以按遙控器上的**返回**，在目前所收聽的電台與前一個收聽的電台間快速切換。

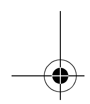
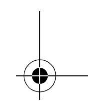
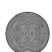
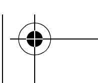
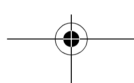
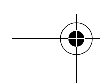
調整音量

按遙控器上的**音量 +** 可增加音量。按遙控器上的**音量 -** 可降低音量。

靜音功能

按遙控器上的**靜音**可以暫時關閉聲音。再按一次**靜音**或**音量** +/- 可關閉靜音功能並恢復聲音播放。


設定

新增數位視訊與廣播頻道

如果在您安裝數位視訊盒並記憶數位視訊頻道後有新的數位視訊或廣播頻道開播，您可以依照下述步驟將之新增到頻道列表中。

1. 按遙控器上的**數位電視**。
2. 按**目錄**顯示螢幕顯示功能表。
3. 按 ▶ 或 ◀ 選擇**數位電視**功能表，然後按 ▼。
4. 按 ▲ 或 ▼ 選擇**新增數位頻道**，然後按 **OK**。



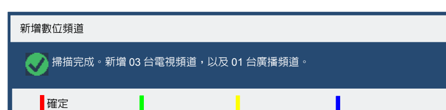
5. 一個警告訊息會接著出現。請確認您的天線已經接妥。按**紅色按鈕**繼續。



6. 數位視訊盒會開始掃描所有可接收到的數位視訊與廣播頻道，並將之儲存在記憶體中。根據所能接收到的視訊與廣播頻道數量不同，這可能需要一些時間，請耐心等待。

所能接收到的頻道數量會依您所在區域的收訊狀況，以及已開播的數位視訊頻道數量而定。

7. 在掃描與儲存程序完成後，一個顯示已新增之數位視訊與廣播頻道數量的訊息會出現。按**紅色按鈕**繼續。



8. 頻道列表會接著出現在螢幕上。按**綠色按鈕**將之關閉。

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編輯頻道

跳過頻道

您可以利用此功能，在使用遙控器上的**頻道 ▲/▼** 按鈕選擇頻道時跳過某些 (您不想觀賞的) 頻道。您也可以取消跳過這些頻道。

在頻道設定為跳過後，您仍可以使用遙控器上的頻道選擇數字按鈕直接選擇這些頻道。

1. 按遙控器上的**數位電視**。
2. 按**目錄**顯示螢幕顯示功能表。
3. 按 ▶ 或 ◀ 選擇**數位電視**功能表，然後按 ▼。
4. 按 ▲ 或 ▼ 選擇**頻道編輯**，然後按 **OK**。



5. 頻道編輯功能表會顯示在螢幕上。按 ▲ 或 ▼ 選擇並反白您想要跳過的頻道。



6. 按 ▶ 或 ◀ 選擇並反白**略過**欄，然後按**紅色按鈕**。圖示會出現，表示該頻道已被設定為跳過。



7. 若您要設定其它頻道為跳過，請重複第 5 與第 6 步驟。
8. 按遙控器上的**回上頁**數次關閉頻道編輯功能表。

取消跳過頻道

若您要取消跳過頻道，請重複上述步驟，並確認在步驟 6 中，圖示已被移除。

刪除頻道

您可以利用此功能刪除不想要的頻道。若頻道被刪除，您即無法使用頻道 ▲/▼ 按鈕選擇這些頻道，也無法使用頻道選擇數字按鈕選擇這些頻道。如果您想回復這些頻道，必須要依照第 9 頁的「新增數位視訊與廣播頻道」的說明將之重新加入頻道列表中。

1. 按遙控器上的**數位電視**。
2. 按**目錄**顯示螢幕顯示功能表。
3. 按 ▶ 或 ◀ 選擇**數位電視**功能表，然後按 ▼。



4. 按 ▲ 或 ▼ 選擇**頻道編輯**，然後按 **OK**。



5. 頻道編輯功能表會顯示在螢幕上。按 ▲ 或 ▼ 選擇並反白您想要刪除的頻道。



6. 按**藍色按鈕**。一個警告訊息會出現，詢問您是否確定要刪除該頻道。
7. 按**紅色按鈕**刪除所選頻道。
8. 若要刪除其它頻道，請重複步驟 5 至 7。
9. 按遙控器上的**回上頁**數次關閉頻道編輯功能表。

變更頻道位置 (編號)

在頻道列表中，每個頻道的位置 (編號) 是依照當初進行掃描並儲存頻道時所儲存的順序而定。如果有需要的話，您也可以依照下述說明變更這些頻道的編號。

1. 按遙控器上的**數位電視**。
2. 按**目錄**顯示螢幕顯示功能表。
3. 按 ▶ 或 ◀ 選擇**數位電視**功能表，然後按 ▼。



4. 按 ▲ 或 ▼ 選擇**頻道編輯**，然後按 **OK**。



5. 頻道編輯功能表會顯示在螢幕上。按 ▲ 或 ▼ 選擇並反白您想要移動的頻道。



6. 按**黃色按鈕**。一個綠色框會出現在所選頻道上。



7. 按 ▲ 或 ▼ 選擇一個新位置，然後按**紅色按鈕**。您所選的頻道會被移動到新的位置。
8. 若要移動其它頻道，請重複步驟 5 至 7。
9. 按遙控器上的**回上頁**數次關閉頻道編輯功能表。

設定喜愛頻道

您可以利用此功能將您最喜歡收看的頻道設為喜愛頻道。在設定後，您即可直接按**喜愛頻道**按鈕直接從喜愛頻道列表中選擇這些頻道。

1. 按遙控器上的**數位電視**。
2. 按**目錄**顯示螢幕顯示功能表。
3. 按 ▶ 或 ◀ 選擇**數位電視**功能表，然後按 ▼。



4. 按 ▲ 或 ▼ 選擇**頻道編輯**，然後按 **OK**。



5. 頻道編輯功能表會顯示在螢幕上。按 ▲ 或 ▼ 選擇並反白您想要設為喜愛頻道的頻道。



6. 按 ▶ 或 ◀ 擇並反白喜愛頻道欄，然後按**紅色按鈕**。圖示會出現，表示該頻道已被設定為喜愛頻道。
7. 若要設定其它頻道為喜愛頻道，請重複步驟 5 與 6。
8. 按遙控器上的**回上頁**數次關閉頻道編輯功能表。

疑難排解

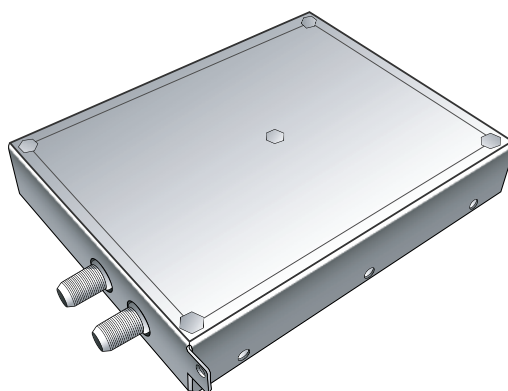
若您在使用時遇到問題，在尋求支援服務之前，請先參閱以下疑難排解內容，看看是否能夠自行排除這些問題，以節省您的時間。

問題	可能原因
掃描不到頻道，或只掃描到很少的頻道。	• 天線可能未正確連接到數位視訊盒。請檢查天線是否已連接牢固。 • 您所在的區域可能無法接收到所有的頻道，或僅能接收到部份的頻道。 • 所接收到的頻道訊號可能太弱，以致於無法被掃瞄到。請嘗試讓專業人員重新調整天線的位置，或改用其它種類的天線。如果仍無法改善，可能需要安裝強波器增強訊號。
畫面呈現格子狀，且有時候畫面會停頓不動	• 所接收到的訊號可能太弱，以致於無法正確顯示畫面。 • 所接收到的訊號可能太強。如果您使用了強波器，請將之調整至適當強度。 • 訊號可能受到其他電器設備的干擾，例如吹風機、冷氣等。請先將這些電氣設備暫時關閉，看看問題是否仍然存在。

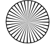
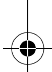
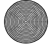
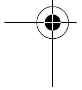
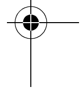
32PF1700T/96

TM8W32D/96
Digital Video Tuner Box
Installation and Operation Guide

English



PHILIPS

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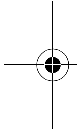
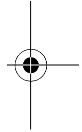
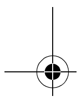
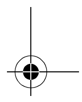
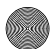
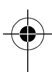
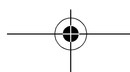
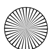
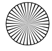
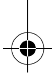
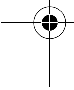
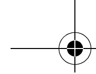
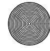
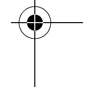
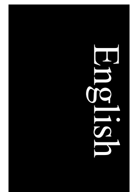









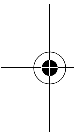
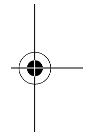
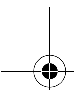
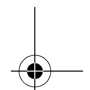
Table of Contents

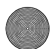
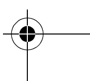
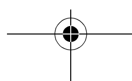
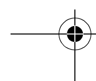
English

<Memo>



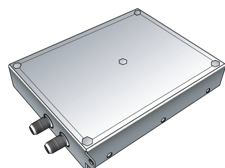






English

Package contents

Check the packaging for the following items. If any of these items is missing or damaged, please contact your dealer immediately:



Digital video tuner box (x1)



Installation and Operation Guide (x1)



Screw (x1)

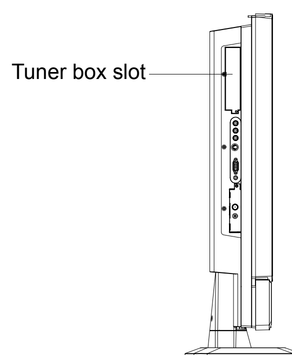


- **This tuner box is designed specifically for the 32PF1700T/96 LCD display. Do not modify this tuner box or use it for other purposes.**
- **You need to purchase a suitable aerial antenna and connect it to this tuner box. For best results, it is recommended that you use a high quality antenna with built-in signal amplifier.**

Installing the tuner box

Before installing the tuner box, please pay attention to the following to ensure the safety of installation:

- Wear suitable protective insulation gloves to prevent any possibilities of injuries.
- Peel off the protective film on the tuner box prior to installation.
- Be sure to turn the display power off and disconnect the power cord from the power outlet. Turn the power of the devices off and remove all connected signal cables if the display is connected to other devices.
- Make sure that there is sufficient space around the display for performing the installation. If not, it is suggested that you move the display to a suitable place to perform installation, and then move it back to its original location when installation is completed.



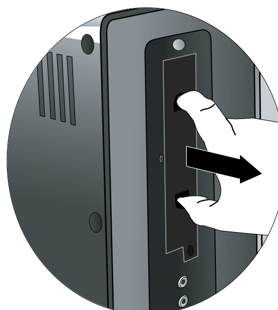
1. Turn the display to reveal its left side and locate the tuner box slot (as shown in the illustration on the right).

English

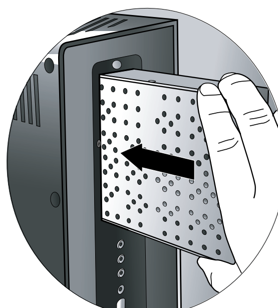
2. Use a suitable screwdriver to remove the screw that secures the tuner box slot cover.



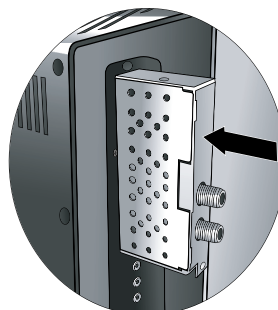
3. Remove the tuner box slot cover as shown.



4. Peel off the protective film on the tuner box and then insert the tuner box into the slot as shown. Pay attention to the direction of the tuner box when inserting.



5. Push the tuner box all the way into the slot.



English

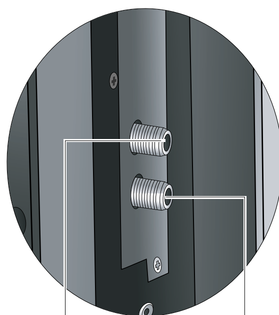
6. Use the supplied screw and a suitable screwdriver to secure the tuner box on the display.



7. There are two connectors on the tuner box: one for aerial antenna input and the other for loop-through output of signals to other devices.

Connect the aerial antenna (to be purchased separately) cable to the aerial antenna input connector. If necessary, you can also connect other devices to the loop-through output connector.

Next, please follow the instructions of "Scanning and storing channels and radio stations" on page 4 to scan and store channels and radio stations available in your area.



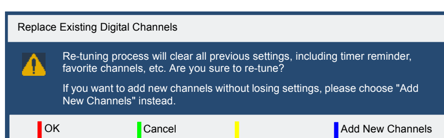
Scanning and storing channels and radio stations

Before you can start viewing digital programs and listening to digital radio broadcasts, you need to let the tuner box scan and store the channels and radio stations available in your area. This process is only necessary when you install the tuner box for the first time, or whenever you use the tuner box and display in other areas.

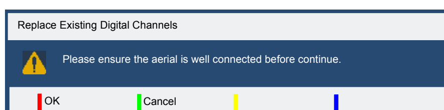
1. Press **Power/standby** on the remote control to turn on the display, and then press **數位電視 (DTV)**.
2. Press **目錄 (Menu)** to display the on-screen display (OSD) menu.
3. Press ▶ or ◀ to select **DTV**, and then press ▼ .



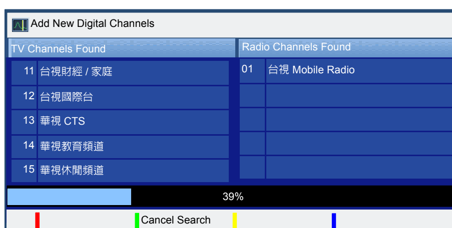
4. Press ▲ or ▼ to select **Replace Existing Digital Channels**, and then press **OK**.



5. A warning message appears. Press the **Red button** to continue.



6. Another warning message displays. Make sure that the aerial antenna has been well connected to the tuner box and then press the **Red button**.



7. The tuner box will start scanning available digital channels and radio stations and save them to the memory. Please be patient as this may take some time.

☞ **The number of channels and stations scanned and stored is dependent upon that found in your area.**

8. When scanning and storing is complete, a message that shows the number of channels and stations found and stored will display. Press the **Red button** to continue.



9. The Channel List will follow, displaying the channels and stations that are found and stored.
10. Press the **Green button** to close the Channel List.



English

If there are new digital channels or radio stations in your area, you can refer to "Adding new digital channels and radio stations" on page 9 to add them to the channel memory.

Now you are ready to enjoy the digital programs and radio broadcasts. For more information, please refer to:

- "Viewing digital programs" below
- "Listening to digital radio broadcasts" on page 8

Enjoying digital programs and radio

Viewing digital programs

To view digital programs, press **Power/standby**, and then **數位電視 (DTV)** on the remote control.

If the tuner box is installed for the first time, please refer to "Scanning and storing channels and radio stations" on page 4 to complete scanning the storing the digital channels in your area.

You can perform the following operations when viewing digital programs:

Changing channels sequentially

Press **頻道 (Channel) ▲/▼** to sequentially change channels forward or backward.

A slight delay may occur when changing channels.

Selecting a channel directly

Press corresponding channel selection buttons on the remote control. For example, to select channel 8, press 0, 8. To select channel 10, press 1, 0.

Returning to the previous viewed channel

You can press **返回 (Recall)** on the remote control to toggle between the current and previous viewed channel.

Jumping to your favorite channels

1. Press 喜愛頻道 **(Favorite)** on the remote control to display the **Favorite List** on-screen.
2. Press ▲ or ▼ on the remote control to select a channel you wish to view, and then press **OK**.

Refer to "Setting up favorite channels" on page 13 for how to set up your favorite channels.

Adjusting the volume

- Press 音量 **(Volume)** + on the remote control to increase volume.
- Press 音量 **(Volume)** - on the remote control to decrease volume.

Mute setting

Press 靜音 **(Mute)** on the remote control to turn off the sound temporarily. Press 靜音 **(Mute)** once more, or press 音量 **(Volume)** + to restore sound level.

Displaying/hiding the Channel List

Press **OK** to display the **Channel List** that contains information about available channels. Press **OK** again to hide the **Channel List** and resume normal viewing.

You can also edit the Channel List. For more information, please refer to "Editing channels" on page 10.

Displaying/hiding the EPG (Electronic Program Guide)

To display the EPG, press **EPG** on the remote control. The EPG contains information about the digital programs. To hide the EPG, press **EPG** again.

The information shown in the EPG is dependent upon the data transmitted from the stations. Some information may not be available and hence not displayed.

The icon shows current signal strength:

- : Excellent
- : Good
- : OK
- : Bad
- : No signal

To strengthen signal reception, you can re-orient or re-locate the aerial antenna or use a signal amplifier available on the market. To avoid radio interferences, it is recommended that you keep the display away from devices that emit strong electromagnetic energy, such as a hair dryer or air conditioner.

When the EPG is displayed on-screen, you can perform the following operations:

- Press ▲, ▼, ▶ or ◀ to highlight a program.
- Press the **Red button** to view the program guide of the previous day.
- Press the **Green button** to view the program guide of the next day.
- Press **頻道 (Channel)** ▲/▼ to quickly jump to the program guide of the previous or next 5 channels.
- Press **EPG** to hide the EPG.

Displaying/hiding current program information

When viewing a digital program, you can press **資訊顯示 (Information)** on the remote control to display the information about that program.



The information displayed is dependent upon the data transmitted from the digital station.

The bar shows the time elapsed: the longer the blue bar, the longer the time elapsed since the beginning of the program.

When current program information is displayed on-screen, you can perform the following operations:

- Press ▶ or ◀ on the remote control to highlight the current program or upcoming program.
- Press **OK** to view the details about the selected program (if available).
- Press **資訊顯示 (Information)** to hide the information.



English

Listening to digital radio broadcasts

If radio broadcasts are available in your area, you can also use the tuner box and your display to listen to digital radio.

If the tuner box is installed for the first time, please refer to "Scanning and storing channels and radio stations" on page 4 to complete scanning the storing the digital radio stations in your area.

1. Press 數位電視 **(DTV)** on the remote control.
2. Press 目錄 **(Menu)** to display the OSD menu.
3. Press ▶ or ◀ to select **DTV**, and then press ▼ .
4. Press ▲ or ▼ to select **TV/Radio**, and then press ▶ or ◀ to select **Radio**.
5. Press 目錄 **(Menu)** to close the OSD menu. The following digital radio theme screen will display:



In digital radio mode, you can perform the following operations:

Changing radio stations sequentially

Press 頻道 **(Channel)** ▲/▼ to sequentially change stations forward or backward.

Selecting a station directly

Press corresponding channel selection buttons on the remote control. For example, to select station 8, press 0, 8. To select station 10, press 1, 0.

Returning to the previous listened station

You can press 返回 **(Recall)** on the remote control to toggle between the current and previous radio station.

Adjusting the volume

- Press 音量 **(Volume)** + on the remote control to increase volume.
- Press 音量 **(Volume) -** on the remote control to decrease volume.

Mute setting

Press 靜音 **(Mute)** on the remote control to turn off the sound temporarily. Press 靜音 **(Mute)** once more, or press 音量 **(Volume)** + to restore the sound level.

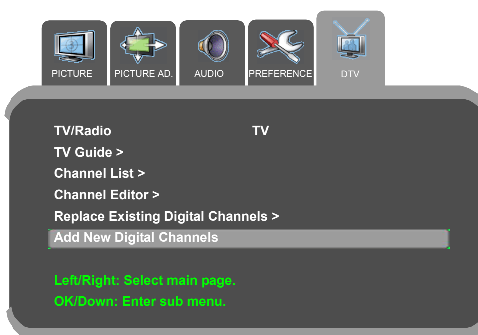
English

Setup

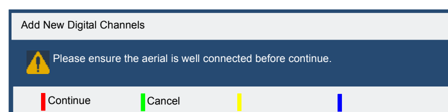
Adding new digital channels and radio stations

If there are new digital channels and radio stations available in your area after the initial installation of this tuner box, you can perform the following steps to add them to the memory.

1. Press 數位電視 **(DTV)** on the remote control.
2. Press 目錄 **(Menu)** on the remote control to display the OSD menu.
3. Press ▶ or ◀ to select **DTV**, and then press ▼ .



4. Press ▲ or ▼ to select **Add New Digital Channels**, and then press **OK**.
5. A warning message displays on-screen. Make sure that your aerial antenna is well connected, and then press the **Red button** to continue.



6. The tuner box will start scanning available digital channels and radio stations and save them to the memory. Please be patient as this may take some time.

The number of channels and stations scanned and stored is dependent upon that found in your area.

7. When scanning and storing is complete, a message that shows the number of new channels and stations found and stored will display. Press the **Red button** to continue



8. The Channel List will follow. Press the **Green button** to close it.

English

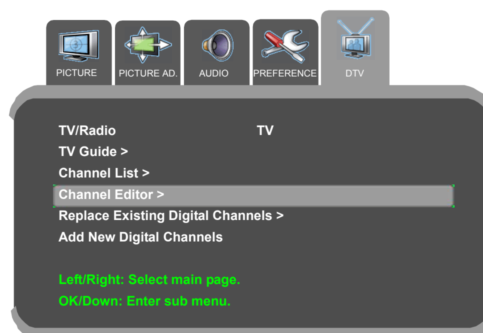
Editing channels

Skipping channels

You can use this function to skip unwanted channels so when using the 頻道 **(Channel)** ▲/▼ button to sequentially change channels, these skipped channels will not be displayed. You can also cancel skipping these channels if necessary.

You can still press the numeric channel selection buttons on the remote control to select the skipped channels.

1. Press 數位電視 **(DTV)** on the remote control.
2. Press 目錄 **(Menu)** on the remote control to display the OSD menu.
3. Press ▶ or ◀ to select **DTV**, and then press ▼.
4. Press ▲ or ▼ to select **Channel Editor**, and then press **OK**.



5. The **Channel Editor** menu will display on-screen. Press ▲ or ▼ to select the channel you wish to skip.



6. Press ▶ or ◀ to highlight the **Skip** column, and then press the **Red button**. The icon will appear, indicating that the channel has been skipped.



7. To skip other channels, repeat step 5 and step 6.
8. Press 回上頁 **(Back)** several times to close the **Channel Editor** menu.

Cancel skipping channels

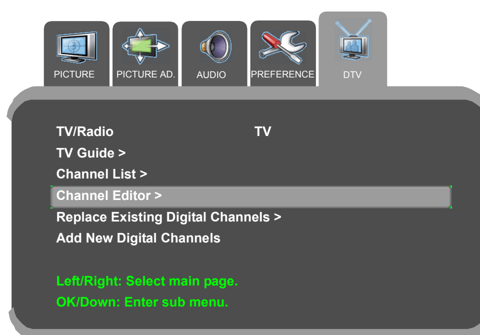
To cancel skipping channels, repeat the steps above and make sure that the icon is removed in step 6.

English

Deleting channels

You can use this function to delete unwanted channels from the channel memory. Once deleted, these channels cannot be selected by using either the **頻道 (Channel)** ▲/▼ button or the numeric channel selection buttons on the remote control. If you later wish to view these channels, you need to add them to the channel memory again (See "Adding new digital channels and radio stations" on page 9).

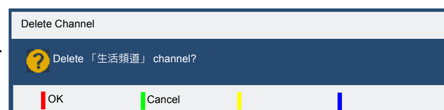
1. Press **數位電視 (DTV)** on the remote control.
2. Press **目錄 (Menu)** on the remote control to display the OSD menu.
3. Press ▶ or ◀ to select **DTV**, and then press ▼.



4. Press ▲ or ▼ to select **Channel Editor**, and then press **OK**.



5. The **Channel Editor** menu will display on-screen. Press ▲ or ▼ to select the channel you wish to delete.



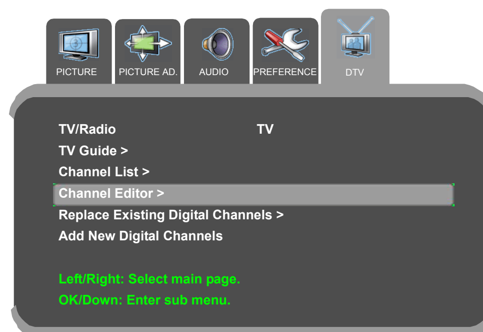
6. Press the **Blue button**. A warning message displays on-screen asking if you are sure to delete the channel.
7. Press the **Red button** to delete the channel.
8. To delete other channels, repeat step 5 through 7.
9. Press **回上頁 (Back)** several times to close the **Channel Editor** menu.

English

Changing channel location (number)

In the **Channel List**, channels are arranged by the order when they are first scanned and stored in the channel memory. If necessary, you can use this function to change the location (number) of these channels.

1. Press **數位電視 (DTV)** on the remote control.
2. Press **目錄 (Menu)** on the remote control to display the OSD menu.
3. Press ▸ or ◂ to select **DTV**, and then press ▾ .



4. Press ▴ or ▾ to select **Channel Editor**, and then press **OK**.



5. The **Channel Editor** menu will display on-screen. Press ▴ or ▾ to select the channel you wish to move.



6. Press the **Yellow button**. A green frame will appear around the selected channel.

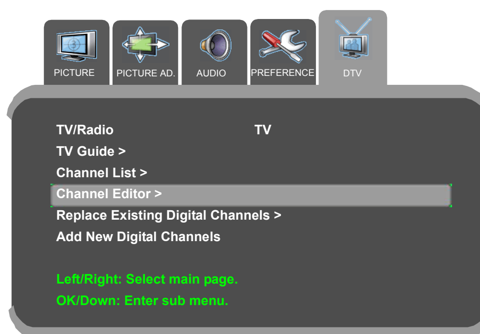


7. Press ▴ or ▾ to select a new location, and then press the **Red button** to confirm and save. The channel will be moved.
8. To move other channels, repeat step 5 through 7.
9. Press **回上頁 (Back)** several times to close the **Channel Editor** menu.

Setting up favorite channels

You can set your frequently viewed channels as your favorite channels. Once set, you can press 喜愛頻道 **(Favorite)** on the remote control to select these channels quickly from the **Favorite List**.

1. Press 數位電視 **(DTV)** on the remote control.
2. Press 目錄 **(Menu)** on the remote control to display the OSD menu.
3. Press ▶ or ◀ to select **DTV**, and then press ▼.
4. Press ▲ or ▼ to select **Channel Editor**, and then press **OK**.



5. The **Channel Editor** menu will display on-screen. Press ▲ or ▼ to select the channel you wish to set as favorite.



6. Press ▶ or ◀ to highlight the **Favorite** column, and then press the **Red button**. The ♥ icon will appear, indicating that the favorite channel is set.



7. To set up other favorite channels, repeat step 5 and step 6.
8. Press 回上頁 **(Back)** several times to close the **Channel Editor** menu.

English

Troubleshooting

If you encounter problems, please refer to the troubleshooting tips below. If the problem still persists, please contact the service center for help.

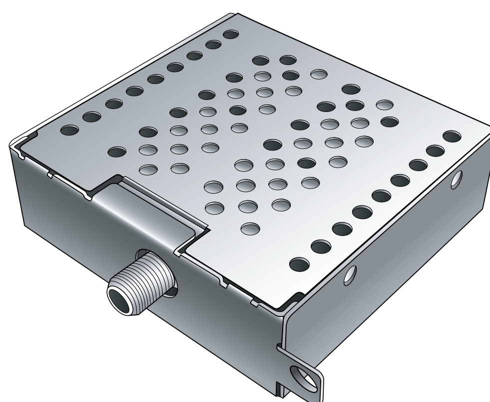
Symptom	Possible Cause
No channels, or only few channels are scanned and stored.	• Check the aerial antenna connection. Make sure that it is correctly and firmly connected to the tuner box. • Not all digital channels are available in your area. Please check the signal coverage in your area. • The signal can be too weak to be scanned and stored. Have a professional antenna technician re-orient or re-locate the aerial antenna, or use a signal amplifier to strengthen signal reception.
There are "grids" in pictures and sometimes the motion freezes.	• Signal reception may be too weak for the pictures to be displayed. • The signal may be too strong. If a signal amplifier is used, try lowering the signal strength to an appropriate level. • There may be interference from other devices, for example, a hair dryer or air conditioner. Turn off these devices temporarily and see if the problem can be solved.

32PF1700T/96

中文

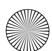
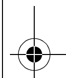
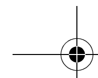
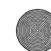
English

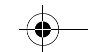
TM8W32A/96
彩色液晶顯示器專用視訊盒與遙控器
安裝與使用指南



PHILIPS

P/N: 4J.0AR03.001

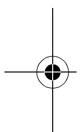
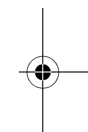
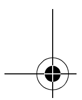
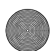
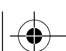
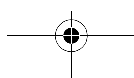
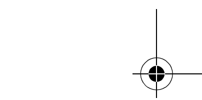






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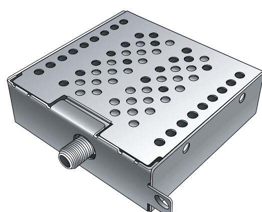
中文

檢查包裝內容

請檢查包裝中的物品是否齊全。若有任何物品遺失或損壞，請速與您所購買的經銷商聯絡。



視訊盒固定螺絲 x 1



視訊盒 x 1



安裝與使用指南 x 1

安裝視訊盒

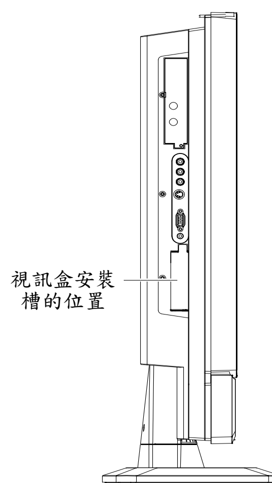
安裝前的準備事項

在您開始安裝前，請先確認執行以下步驟，以確保您在安裝時的安全。

- 請先將顯示器的電源關閉，並將連接至顯示器上的電源線與所有已連接的訊號線取下。
- 進行作業時，請戴上適合的絕緣手套，以確保安全。
- 確定您在顯示器左側有足夠的空間進行安裝作業。建議您將顯示器移動到比較方便安裝的地點進行安裝。在安裝完成後，再將顯示器移動回原處。由於顯示器的重量頗重，因此在移動顯示器時建議由兩名以上之成人進行。

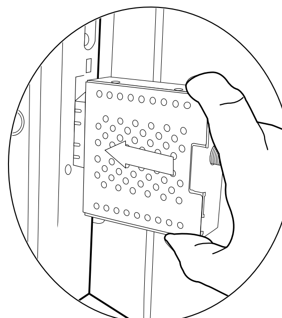
安裝視訊盒

1. 在顯示器的左側找出視訊盒安裝槽的位置（如右圖所示）。

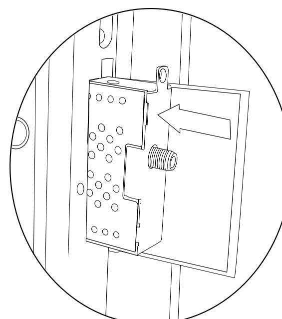


中文

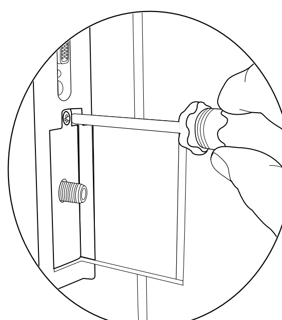
2. 先移除視訊盒上之保護膜，然後如右圖所示將視訊盒插入安裝槽中。插入時，請注意視訊盒的方向。



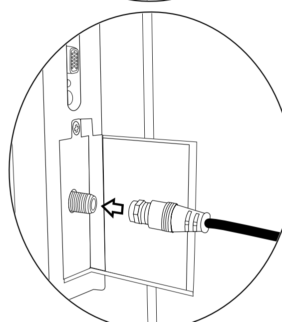
3. 將視訊盒推到底，直到與顯示器表面平齊為止。



4. 使用包裝中所附的螺絲與適當的十字起子，將視訊盒鎖緊固定在顯示器上。



5. 將您府上的天線電纜或有線電纜連接到視訊盒的天線電纜接頭上。請確認連接是否牢固。接著請參閱第 22 頁的「掃瞄並記憶頻道」的說明讓顯示器掃描與記憶頻道。

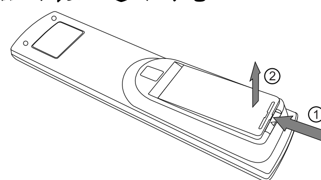


中文

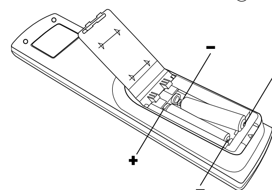
準備使用遙控器

安裝電池

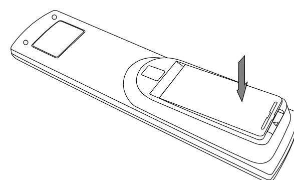
在使用遙控器前，請依照如下說明在遙控器內裝上適用的電池。



1. 如圖所示，將遙控器上的電池蓋打開。



2. 在電池室中裝入兩顆 AAA (四號) 電池 。裝入時，請注意電池的正負極性方向是否與電池室中的標示相符。
   若您使用隨機附贈的電池，請在確認遙控器可以正常使用後儘早更換。



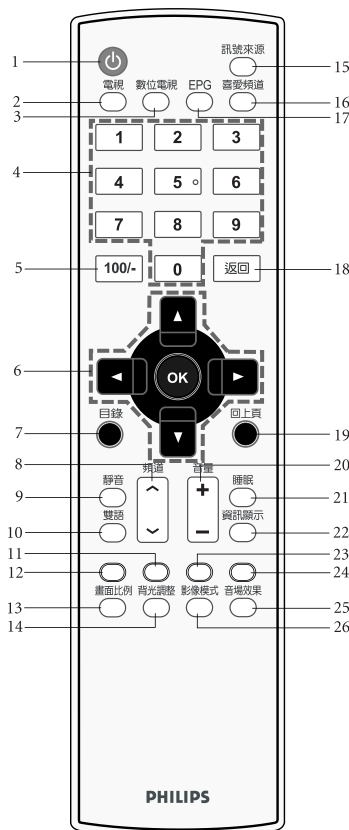
3. 如圖所示，將電池蓋裝回遙控器。

使用電池的注意事項

使用錯誤的電池可能會導致化學物質的洩漏或爆炸。請注意下列事項：

- 請確認電池的正負兩極分別接在如電池室中所標示的正確位置。
- 不同型式的電池具有不同的特性。請勿混合使用不同型式的電池。
- 請勿將新的和舊的電池混合使用。將新電池與舊電池混合使用會減短電池的使用壽命或導致化學液從不良的電池中洩漏出來。
- 當電池電量用盡時，請立刻將它們從遙控器中移除。
- 電池中洩漏出來的化學液可能會刺激皮膚並腐蝕金屬接點。假使有任何化學物質從電池中滲漏出來，請立即以乾布擦拭乾淨並更換電池。
- 根據不同的儲存狀況，電池的壽命也有可能縮短。假使長時間不使用遙控器時，請將電池取出。

遙控器按鍵功能說明



1. 電源 / 待機

按這個按鈕可以開啟顯示器電源，再按一下此按鈕則可以讓顯示器進入待機模式。請參閱第 7 頁的「開機與待機」。

2. 電視

按此按鈕可切換至類比頻道模式，以觀看傳統的類比 (非數位的) 有線或無線頻道。請參閱第 7 頁的「選擇觀賞類比或數位頻道」。

3. 數位電視

按這個按鈕可切換至數位頻道模式 (此功能需要安裝選購的數位視訊盒才能使用)。請參閱第 7 頁的「選擇觀賞類比或數位頻道」。

4. 頻道輸入

按這些按鈕可以直接輸入並選取您想觀賞的頻道。請參閱第 8 頁的「使用頻道輸入按鈕選擇頻道」。

5. 三位數頻道輸入

在輸入三位數的頻道前，請先按此鈕。請參閱第 8 頁的「使用頻道輸入按鈕選擇頻道」。

6. ▲/▼/▶/◀ 與 OK 鈕

在螢幕顯示選單中：

- 按 ▲ 或 ▼ 鈕可進行上下選擇或改變設定。
- 按 ▶ 或 ◀ 鈕可進行左右選擇或改變設定。
- 按 OK 鈕可確認選項。在數位頻道模式下，您可以按 OK 鈕顯示或隱藏頻道列表。

請參閱第 17 頁的「瀏覽螢幕顯示選單」。

7. 目錄

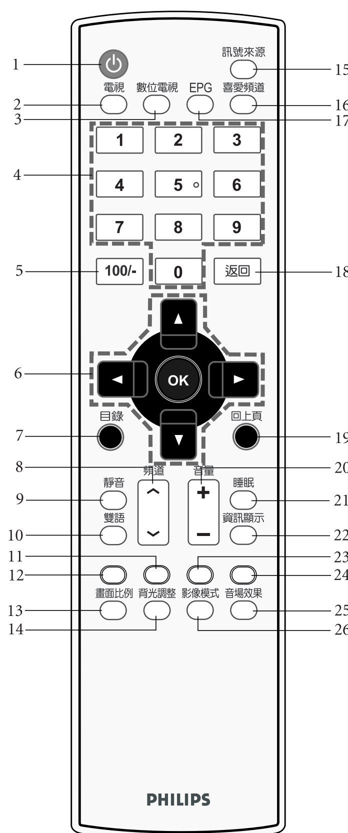
按這個按鈕可以顯示螢幕顯示選單。再按一次此按鈕可關閉螢幕顯示選單。請參閱第 17 頁的「瀏覽螢幕顯示選單」。

8. 頻道

- 按此按鈕可以依序向前或向後選擇頻道。請參閱第 8 頁的「使用頻道按鈕循序選擇頻道」。
- 在數位頻道節目導覽畫面中，按此按鈕可以切換至上一頁或下一頁。(此功能需要安裝選購的數位視訊盒才能使用)

9. 靜音

按此按鈕可以使顯示器進入靜音模式，再按一下則可以恢復顯示器內建揚聲器的聲音播放。請參閱第 7 頁的「靜音」。



10. 雙語
若播送的節目訊號或所您所連接的音源輸入支援，按這個按鈕可以選擇不同的聲音系統。請參閱第 7 頁的「切換雙語聲音系統」。

11. 綠色按鈕
在數位頻道模式下，按此按鈕可執行在數位頻道選單中綠色標示的功能指令。(此功能需要安裝選購的數位視訊盒才能使用)

12. 紅色按鈕
在數位頻道模式下，按此按鈕可執行在數位頻道選單中紅色標示的功能指令。(此功能需要安裝選購的數位視訊盒才能使用)

13. 畫面比例
按此按鈕可在數種畫面比例間循環切換。請參閱第 9 頁的「調整畫面比例」。

14. 背光調整
按這個按鈕可以選擇顯示器的背光亮度。請參閱第 8 頁的「調整背光亮度」。

15. 訊號來源
按此按鈕可切換您所要觀賞的訊號輸入來源。請參閱第 7 頁的「切換輸入訊號」。

16. 喜愛頻道
按這個按鈕可以選擇切換至您所設定的喜愛頻道。請參閱第 8 頁的「切換至您所設定的喜愛頻道」。

17. EPG (節目導覽)
在數位頻道模式下，您可以按此按鈕顯示或隱藏節目導覽畫面。(此功能需要安裝選購的數位視訊盒才能使用)

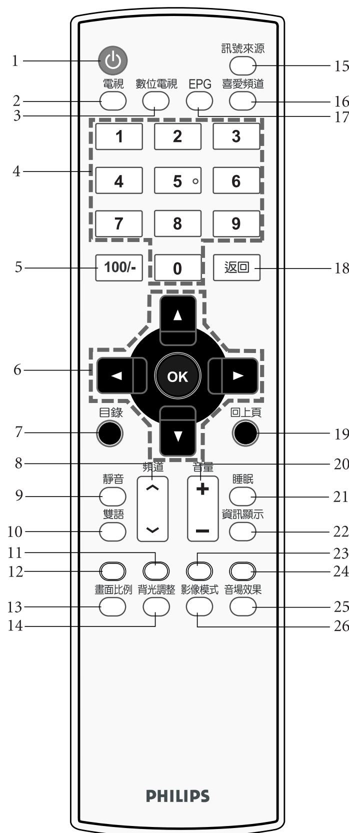
18. 返回
在觀賞節目時，按此按鈕可在目前觀賞的頻道前一個觀賞的頻道間來回切換。請參閱第 8 頁的「使用頻道返回功能」。

19. 回上頁
在螢幕顯示選單中，按這個按鈕可退回上一層選單。請參閱第 17 頁的「瀏覽螢幕顯示選單」。

20. 音量
按這兩個按鈕可以提高或降低顯示器內建揚聲器的音量。請參閱第 7 頁的「調整音量」。

21. 睡眠
按這個按鈕可以設定顯示器定時自動關機的時間。請參閱第 8 頁的「使用睡眠關機功能」。

中文



22. 資訊顯示
按這個按鈕可以讓顯示器顯示現在正在使用的輸入訊號相關資訊。請參閱第 8 頁的「顯示資訊」。

23. 黃色按鈕
在數位頻道模式下，按此按鈕可執行在數位頻道選單中黃色標示的功能指令。(此功能需要安裝選購的數位視訊盒才能使用)

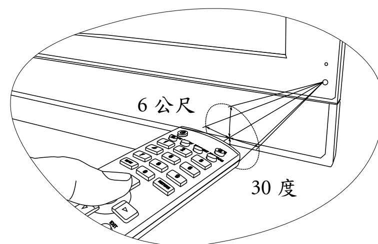
24. 藍色按鈕
在數位頻道模式下，按此按鈕可執行在數位頻道選單中藍色標示的功能指令。(此功能需要安裝選購的數位視訊盒才能使用)

25. 音場效果
按此鈕可開啟或關閉顯示器的虛擬環繞音效效果。請參閱第 8 頁的「開啟或關閉虛擬環繞音效」。

26. 影像模式
按此按鈕可以在數種預設的影像間循環切換。請參閱第 9 頁的「選擇影像模式」。

使用遙控器時的注意事項

- 將遙控器的頂端直接對準顯示器的遙控器感應窗 （位於電源指示燈的下方）然後按下按鈕。
- 遙控器必須與顯示器的遙控器感應窗保持 30 度以內的角度，且距離應不超過 6 公尺，以便正常發揮功能。
- 勿覆蓋顯示器的遙控器感應窗，或將物體置於其前面，這樣會阻斷遙控器和感應窗之間的直接視線。



使用遙控器時請注意：

- **請勿讓遙控器受到撞擊或掉落，讓遙控器接觸到水或將它放置在潮濕的環境中。勿將遙控器放置在日光直接照射的地方。高熱可能會使遙控器損壞。**
- **如果顯示器上的遙控器感應窗直接處於在陽光或強光照射之下，可能會失去正常的作用。在這種情況下，可以改變光源或調整顯示器的角度，或者在比較靠近遙控器感應窗的位置使用遙控器。**

中文

使用遙控器

開機與待機

打開顯示器的電源

將電源線插入電源插座後，顯示器將會自動進入待機狀態，且電源指示燈將會亮紅色。按遙控器上的**電源 / 待機**按鈕。顯示器將會開機，且電源指示燈會亮綠色。

讓顯示器進入待機狀態

在顯示器開機的狀態下，按遙控器上的**電源 / 待機**按鈕，顯示器將進入待機模式，且電源指示燈將會亮紅色。

顯示器在待機狀態下仍會消耗少許電力 (約 1W)。

切換輸入訊號

1. 在選擇輸入訊號前，請先打開所有已連接的設備或裝置電源。
2. 按遙控器上的**訊號來源**按鈕，然後按 ▲ 或 ▼ 鈕在選單中選擇切換輸入訊號來源。

- **如果在 AV 端子輸入端子上同時連接有複合視訊與 S-Video 輸入訊號，顯示器將只會顯示 S-Video 輸入訊號。此時，若您要觀賞複合視訊輸入，請暫時中斷 S-Video 輸入的連接。**
- **請注意，HDMI 輸入訊號必須與 HDCP(一種數位視訊版權標準) 相容才能正常顯示。在切換至 HDMI 輸入時，顯示器會停頓約三秒鐘偵測輸入訊號的 HDCP 資訊，而不會立即顯示畫面。這不是故障。**

選擇觀賞類比或數位頻道

- 按遙控器上的**電視**按鈕，可進入類比頻道模式，讓您可以觀賞傳統的類比 (非數位的) 有線或無線頻道。
- 按遙控器上的**數位電視**按鈕，可進入數位頻道模式，讓您可以觀賞數位頻道節目。

數位頻道功能需要安裝選購的數位視訊盒才能使用。

調整聲音

調整音量

- 按遙控器上的**音量 +** 按鈕可增加音量。螢幕上的音量指示長度將會增加，代表音量正在增加。
- 按遙控器上的**音量 -** 按鈕可降低音量。螢幕上的音量指示長度將會減少，代表音量正在降低。

靜音

按遙控器上的**靜音**按鈕可以暫時關閉聲音。再按一次**靜音**按鈕或**音量 +** 按鈕，可以關閉靜音功能並恢復聲音播放。

切換雙語聲音系統

按遙控器上的雙語按鈕，可在目前觀賞的視訊所提供的聲音系統間循環切換 (可選的聲音視接收的聲音系統而定)。

開啟或關閉虛擬環繞音效

您可以按遙控器上的**音場效果**按鈕，選擇開啟或關閉顯示器內建的虛擬環繞音效效果。

切換頻道

使用頻道輸入按鈕選擇頻道

- 若要選取一或兩位數的頻道號碼 (例如第 8 台)，請於三秒內先按 0 按鈕，然後按 8 按鈕。
- 若要選取三位數的頻道號碼 (例如第 120 台)，請於三秒內先按**三位數頻道輸入**按鈕 (此時，螢幕上會顯示 「1--」)，然後再按 2 與 0 按鈕。

使用頻道按鈕循序選擇頻道

按遙控器上的**頻道 ▲**、**頻道 ▼** 鈕，即可向前或向後循序選擇頻道。

切換至您所設定的喜愛頻道

1. 按遙控器上的**喜愛頻道**鈕，喜愛頻道列表會出現在螢幕上。
2. 按遙控器上的 ▲ 或 ▼ 鈕選擇一個喜愛頻道，然後按 OK 鈕即可跳至該頻道。

關於如何設定您的喜愛頻道，請參閱第 19 頁的 「設定影像中的 「使用者模式」」的說明。

使用頻道返回功能

按遙控器上的**返回**鈕，可以快速地回到前一個所觀賞的頻道。

調整背光亮度

若您需要調整顯示器螢幕的背光亮度，請按遙控器上的**背光調整**按鈕，依照您所在環境的照明狀況選取一種適合的亮度。

顯示資訊

按遙控器上的**資訊顯示**按鈕，即可於螢幕上顯示目前訊號源之相關資訊。顯示的資訊會因為訊號輸入來源的不同而異。

使用睡眠關機功能

您可以利用此功能設定顯示器在自動關機前的時間。一旦到達設定的時間，顯示器會自動進入待機模式。

1. 按遙控器上的**睡眠**按鈕開啟自動關機設定功能。
2. 再按遙控器上的**睡眠**按鈕數次即可進行時間的調整，以 5 分鐘為間隔，時間從最短 5 分鐘至最長 180 分鐘。

例如，您若將定時關機時間設為 30 分鐘，則顯示器會在 30 分鐘後自動進入待機狀態。您可以在**喜好**功能表的**睡眠時間**項目中查看到關機前的剩餘時間 (請參閱第 21 頁的 「睡眠時間」)。在到達關機時間前一分鐘，螢幕上會出現提示。此時您可按遙控器上的任何鍵取消定時關機功能。若要關閉定時關機功能，請將時間設定為 0。

選擇影像模式

按遙控器上的**影像模式**按鈕，即可依照您所觀賞的視訊畫面以及周圍的環境，選擇一種適合的影像模式。

影像	說明
標準模式	適合在一般環境下觀賞視訊畫面時使用。
劇院模式	畫面的對比度與層次感會被加強，以呈現出更多亮部與暗部中的細節。
動態模式	畫面的對比度、亮度、色飽和度會被提高，適合在公眾場合顯示視訊畫面時使用。
影片模式	畫面的亮度與對比度適中，適合長時間觀賞顯示器畫面時使用。
使用者模式	選擇使用您所設定的使用者模式。

您也可以設定您自訂的影像。請參照第 19 頁的「設定影像中的「使用者模式」」的說明。

調整畫面比例

按遙控器上的**畫面比例**按鈕，可依照輸入視訊畫面的畫面比例選擇最適當的比例在螢幕上顯示。各種畫面比例的說明與使用時機如下表所示：

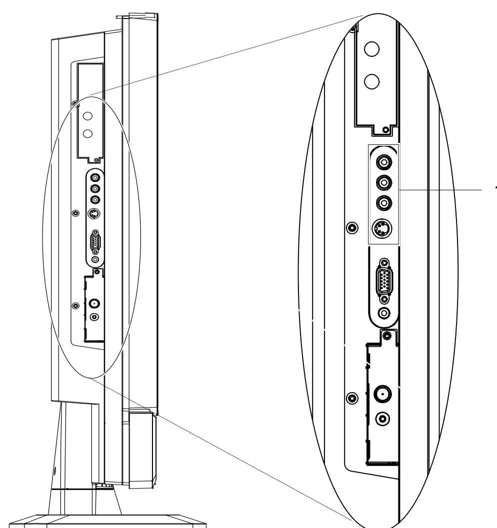
畫面比例選項	輸入視訊畫面的畫面比例		說明與使用時機
	4:3	16:9	
寬螢幕			將輸入視訊畫面以 16:9 的畫面比例顯示。適合用於觀賞原本畫面比例即為 16:9 的畫面，或大多數寬螢幕 DVD 影片畫面。
4:3		（不建議選擇）	將輸入視訊畫面以 4:3 的畫面比例顯示。適合用於觀賞原本畫面比例即為 4:3 的傳統畫面或 PC 視訊。
寬螢幕 1		（不建議選擇）	將輸入視訊畫面以 16:9 的畫面比例顯示，並將畫面上半部與下半部超出螢幕顯示範圍的部份去除。適合用於顯示原本上下就有兩條黑邊的畫面。
中央精細模式		（不建議選擇）	將輸入視訊畫面填滿整個螢幕。適合用於將 4:3 畫面比例的畫面以全螢幕觀賞時。

- **可選擇的畫面比例種類會因為訊號輸入來源的不同而異。**
- **為避免在顯示器螢幕上留下難以回復的殘影（烙痕），請勿讓顯示器螢幕顯示固定不動的畫面超過兩小時，或長期使用固定的畫面比例顯示畫面。**

中文

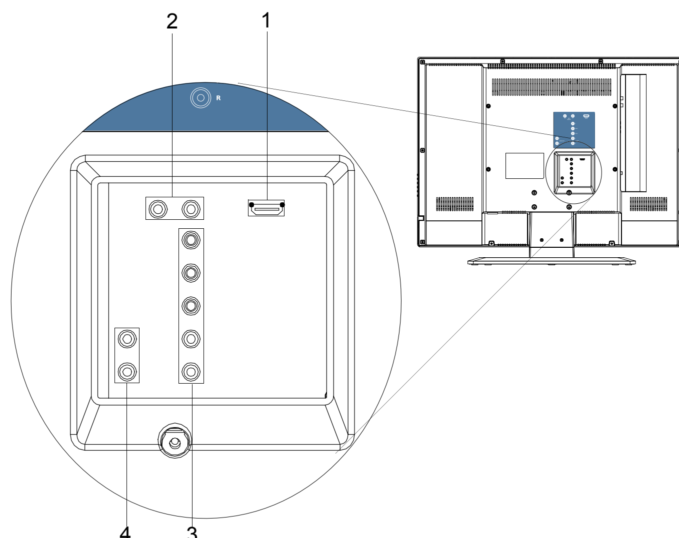
連接影音輸入與輸出訊號

外接裝置面板 (左側) 簡介



編號	名稱	說明
1	AV 輸入端子 (複合視訊或 S-Video)	• VIDEO (複合視訊) 輸入端子：用以連接至視訊來源裝置的複合視訊輸出端子。請參閱第 12 頁的「連接複合視訊輸入」。 • S-VIDEO (S-Video 視訊) 輸入端子：用以連接至視訊來源裝置的 S-Video 輸出端子。請參閱第 13 頁的「連接 S-Video 視訊輸入」。 • AUDIO L/R (左 / 右聲道音源) 輸入端子：用以連接至視訊來源裝置對應於複合視訊或 S-Video 視訊的左右聲道音訊輸出端子。請參閱第 12 頁的「連接複合視訊輸入」與第 13 頁的「連接 S-Video 視訊輸入」。 **您可以使用複合視訊或 S-Video 視訊的輸入端子來連接外接的視訊來源裝置。如果兩組端子同時都已經連接至視訊來源，顯示器僅會顯示 S-Video 視訊輸入。若需選擇其一，S-Video 所提供的影像畫質會比較好。**

後側連接端子簡介



編號	名稱	說明
1	HDMI (HDMI 輸入)	用以連接至視訊來源裝置的 HDMI 數位音訊 / 視訊輸出端子，或電腦的 DVI 數位視訊輸出端子。請參閱第 14 頁的「連接 HDMI 視訊輸入」與第 14 頁的「連接 DVI 視訊輸入」。
2	DVI-AUDIO L/R (DVI 左 / 右聲道音源輸入)	用以連接至電腦的 DVI 數位視訊輸出所對應的左 / 右聲道音訊輸出端子。請參閱第 14 頁的「連接 DVI 視訊輸入」。
3	Y CB/PB CR/PR (色差視訊輸入)	用以連接至視訊來源裝置的色差視訊 (Y CB/PB CR/PR) 輸出端子 。請參閱第 13 頁的「連接色差視訊輸入」。
	AUDIO L/R (色差視訊左 / 右聲道音源輸入)	用以連接至視訊來源裝置對應於色差視訊輸出的左 / 右聲道音源輸出端子。請參閱第 13 頁的「連接色差視訊輸入」。
4	AUDIO OUT L/R (左 / 右聲道音源輸出)	用以連接至外接音源裝置的左 / 右聲道音源輸入端子。此輸出端子可在任何時候連接使用。然而，其輸出音量大小是固定不變的，並無法從顯示器上調整。請參閱第 15 頁的「連接類比立體聲音源輸出」。

中文

連接影音輸入與輸出訊號

連接輸入訊號時的注意事項：

- 為了安全起見，在連接任何外接裝置前，請務必先關閉顯示器與裝置的電源。
- 在決定使用的連接方式前，請先熟悉認識顯示器上每個輸入端子孔的位置和類型。因為若連接方式錯誤會影響到影像畫質和色彩的品質。
- 連接後請確認所有的接頭和訊號線都已牢牢地連接固定，而沒有鬆脫的情況。

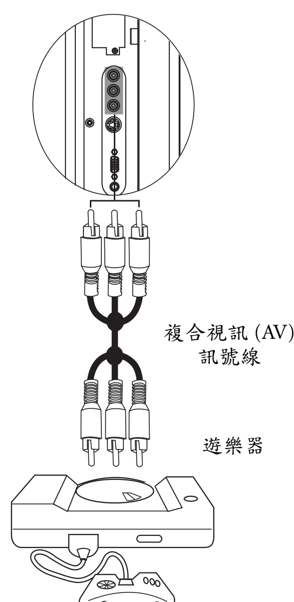
連接複合視訊輸入

如圖所示，使用包裝內附的複合視訊 (AV) 訊號線，將視訊輸出裝置 (例如遊樂器) 的複合視訊輸出端子連接至位於顯示器上的 VIDEO (黃色)，以及紅色 AUDIO R (右聲道) 與白色 AUDIO L (左聲道) 輸入端子。

若您要觀賞複合視訊輸入的影像，請切換輸入訊號種類至 「AV 端子」。

複合視訊輸入是目前最普遍的訊號輸入種類。然而，此種方式所提供的影像畫質是最低的。相較之下，S-Video 輸入提供的影像畫質會較佳。

如果同時連接有複合視訊與 S-Video 輸入訊號，顯示器將只會顯示 S-Video 輸入訊號。此時，若您要觀賞複合視訊輸入，請暫時中斷 S-Video 輸入的連接。

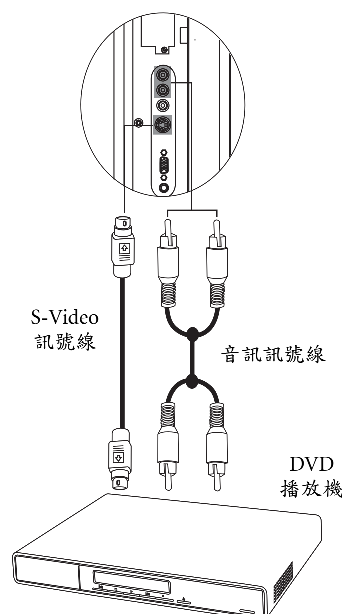


連接 S-Video 視訊輸入

1. 使用 S-Video 訊號線 (需另購)，將視訊輸出裝置 (例如 DVD 播放機) 的 S-Video 輸出端子連接至位於顯示器上的 S-VIDEO (黑色) 輸入端子。在接上端子時，請對準訊號線的接頭，以免將接頭的針腳弄歪。
2. 使用適當的 RCA 規格音訊訊號線 (須另購)，將視訊輸出裝置的 S-Video 左右聲道音訊輸出端子連接至顯示器上對應的紅色 AUDIO R (右聲道) 與白色 AUDIO L (左聲道) 輸入端子。

若您要觀賞 S-Video 視訊輸入的影像，請切換輸入訊號種類至 「AV 端子」。

您不需要同時連接同一視訊輸出裝置的複合視訊和 S-Video 視訊，只需連接其中之一即可。若您可選擇的話，請使用 S-Video 代替複合視訊，以獲得較佳的影像畫質。



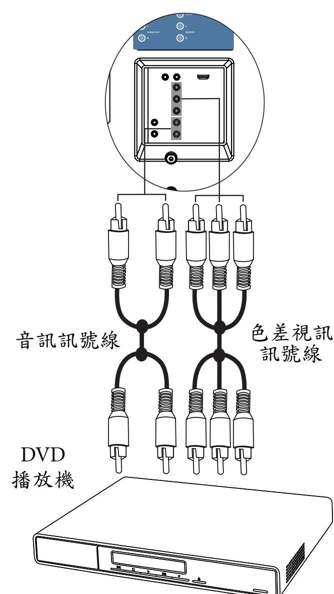
連接色差視訊輸入

1. 使用色差視訊訊號線 (須另購) 將視訊來源裝置 (例如 DVD 播放機) 的色差視訊輸出端子連接到顯示器上的 Y、CB/PB、CR/PR 端子。連接時請注意接頭與端子的顏色是否相符。
2. 使用適當的 RCA 規格音訊訊號線 (須另購)，將視訊來源裝置的左右聲道音訊輸出端子連接到顯示器上對應的紅色 AUDIO R (右聲道) 與白色 L (左聲道) 輸入端子。

若您要觀賞色差視訊輸入畫面，請切換輸入訊號種類至 「色差端子」。

色差視訊所提供的影像品質在類比視訊訊號中是最好的。

關於支援的色差視訊解析度，請參閱**第 23 頁的 「支援的色差視訊 /HDMI 輸入訊號解析度」****。**



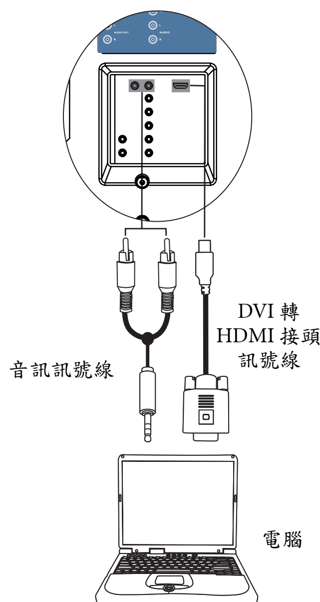
中文

連接 DVI 視訊輸入

1. 使用適當的 DVI 轉 HDMI 接頭訊號線 (需另購)，將電腦 (PC) 或視訊裝置 (例如 DVD 播放機) 的 DVI 視訊輸出埠連接至顯示器的 HDMI /DVI 輸入端子。
2. 使用適當的立體聲音訊訊號線 (需另購)，將電腦或視訊裝置的左右聲道音源輸出連接至顯示器的紅色 DVI-AUDIO R (右聲道) 與白色 L (左聲道) 輸入端子。

若您要觀賞 DVI 視訊輸入的影像，請切換輸入訊號種類至 「HDMI」。

若要得到最佳的電腦視訊顯示效果，請將電腦輸出解析度設為 1360 x 768 (若電腦的顯示卡支援)。請參閱**第 23 頁的 「支援的 DVI 輸入訊號解析度」****。**

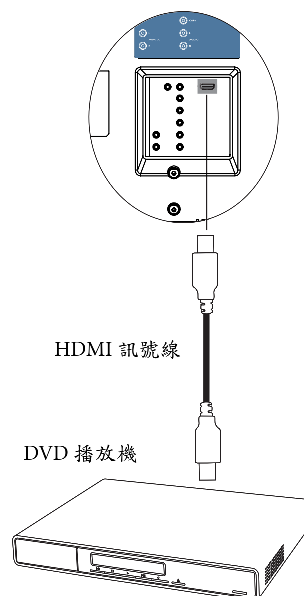


連接 HDMI 視訊輸入

使用 HDMI 訊號線 (需另購)，將支援 HDMI 輸出的裝置 (例如 DVD 播放機) 連接至顯示器上的 HDMI/DVI 或 HDMI 輸入端子。
若您要觀賞 HDMI 輸入影像，請切換輸入訊號至 「HDMI」。

HDMI (高畫質多媒體介面) 是一種非壓縮的數位音訊 / 視訊傳輸介面。它提供機上盒、DVD 播放器等等一個只需要單一訊號線連接的音訊 / 視訊傳輸介面。為確保訊號傳輸的可靠性，建議您使用經 HDMI 認證的高品質 HDMI 訊號線。

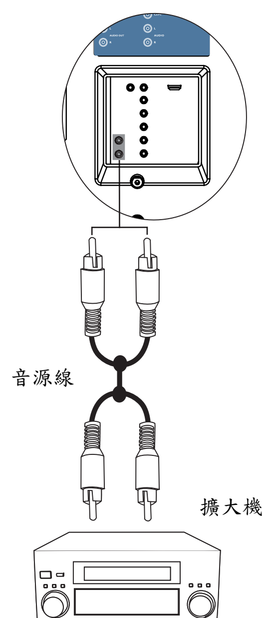
請注意，所連接的 HDMI 輸出裝置必須相容於 HDCP (一種高畫質數位內容的防拷保護標準) 才能正常顯示。
本 HDMI 輸入功能與 HDMI 1.2 標準相容，但不支援 SACD (Super Audio CD) 音訊。
本顯示器的 HDMI 輸入可支援最高達 1080p 的解析度。關於支援的 HDMI 視訊解析度資訊，請參閱**第 23 頁的 「支援的色差視訊 /HDMI 輸入訊號解析度」****。**



連接類比立體聲音源輸出

本顯示器提供一組類比立體聲音訊輸出端子，用於將音訊訊號輸出至其它音訊設備。使用適當的音源線 (需另購)，將外接擴大機或其它音響裝置的左 / 右聲道類比音源輸入端子連接至顯示器上的 AUDIO OUT L/R (左 / 右聲道音源輸出) 端子。

此輸出端子可在任何時候連接使用。然而，其音量大小是固定不變的，並無法從顯示器上調整。



螢幕顯示選單

螢幕顯示選單架構

<table>
<tr><th rowspan="2">選單項目</th><th colspan="7">輸入訊號來源</th></tr>
<tr><th>電視</th><th>數位電視</th><th>色差端子</th><th>AV 端子</th><th>VGA</th><th>DVI</th><th>HDMI</th></tr>
<tr><td>畫質</td><td colspan="2">• 影像
• 亮度
• 對比
• 色彩
• 銳利度
• 色溫
• 色調</td><td colspan="2">• 影像
• 亮度
• 對比
• 色彩
• 銳利度
• 色溫</td><td>• 亮度
• 對比
• 色溫
• 自動
• 相位
• 同步
• 垂直位置
• 水平位置</td><td colspan="2">• 亮度
• 對比
• 色溫</td></tr>
<tr><td>進階畫質</td><td colspan="2">• 降低雜訊
• 暗畫面對比度
• 背光亮度
• NTSC 黑階設置</td><td>• 暗畫面對比度
• 背光亮度</td><td>• 降低雜訊
• 暗畫面對比度
• 背光亮度</td><td colspan="3">• 背光亮度</td></tr>
<tr><td>聲音</td><td colspan="7">• 平衡
• 聲音模式
• 頻道穩定音
• 虛擬環繞音效
• 高音
• 低音</td></tr>
<tr><td>喜好</td><td colspan="7">• 無訊號自動關機
• 睡眠時間
• 語言
• HDMI 輸入
• 重設為出廠預設值</td></tr>
<tr><td>電視</td><td>• 無線 / 有線電視
• 頻道加減
• 開始掃台</td><td colspan="6">(無法使用)</td></tr>
<tr><td>數位電視</td><td>(無法使用)</td><td>• 數位電視 / 廣播
• 電視節目表
• 頻道列表
• 頻道編輯
• 取代現有數位頻道
• 新增數位頻道</td><td colspan="5">(無法使用)</td></tr>
</table>

可使用的選單選項會根據您所選擇的輸入訊號來源而定。無法使用的選單選項將會變成灰色或不顯示。

請參閱：

- **第 18 頁的「畫質選單」**
- **第 19 頁的「進階畫質選單」**
- **第 20 頁的「聲音選單」**
- **第 21 頁的「喜好選單」**
- **第 22 頁的「電視選單」**

中文

瀏覽螢幕顯示選單

您可以透過螢幕顯示選單調整各種不同的設定。按遙控器上的**目錄**按鈕可顯示螢幕顯示選單：



螢幕顯示選單中的操作

- 按遙控器上的 ◀ 、▶ 、▲ 或 ▼ 按鈕可以選取選單中的選項或變更設定值。
- 按遙控器上的 ▼ 按鈕可進入子選單。
- 按遙控器上的 OK 按鈕可確認選項。
- 按遙控器上的**回上頁**按鈕可返回上一層選單。
- 按遙控器上的**目錄**按鈕可退出螢幕顯示選單。

以使用遙控器調整畫面銳利度為例：

1. 按遙控器上的**目錄**按鈕顯示螢幕顯示選單。
2. 按 ◀ 、▶ 選擇**畫質**。
3. 按 ▼ 進入子選單。
4. 按 ▲ 、▼ 選擇**銳利度**。
5. 按 ◀ 、▶ 調整畫面的銳利度至您滿意的程度。
6. 按**回上頁**返回上一層選單，或
7. 按**目錄**退出螢幕顯示選單。

中文

畫質選單

選單中顯示的選項會因為輸入訊號的種類不同而異。

右圖所示的選單選項與設定僅供參考。



選項	功能
影像	您可依照您的收視環境，使用顯示器預設的影像，使畫面的呈現最佳化，或自行設定您喜愛的影像。若您選擇了「使用者模式」，您可針對您的喜好個別調整對比、亮度、色彩和銳利度等設定。關於各種影像使用的時機，以及如何設定「使用者模式」，請參閱第 9 頁的「選擇影像模式」與第 19 頁的「設定影像中的「使用者模式」」的說明。
亮度	調整影像的亮度。請參閱第 19 頁的「調整亮度」。
對比	調整影像的對比度。請參閱第 19 頁的「調整對比」。
色彩	調整影像的色彩飽和度。飽和度亦即色彩的純度，純度愈高，表現愈鮮明，純度愈低，表現則愈黯淡。
銳利度	調整影像的銳利度。調整銳利度的目的是為了補償影像訊號轉換時損失的細節。若銳利度太高會使線條僵硬且產生高頻的雜訊。
色溫	調整影像的整體色彩。暖色相當於較紅的影像，而冷色則相當於較藍的影像。
色調	調整 NTSC 格式視訊的色調。 **本選項僅適用於 NTSC 格式的視訊。**
自動	讓顯示器自動調整 VGA 輸入畫面的同步、相位、水平位置與垂直位置。
相位	調整影像以清除水平扭曲等之類的任何雜訊，讓字體更清晰。
同步	調整您的液晶顯示器，使其符合輸入來源。
垂直位置	手動調整 VGA 輸入畫面的垂直位置。
水平位置	手動調整 VGA 輸入畫面的水平位置。

調整對比

1. 先將對比度調到最高，再往下調整。
2. 在調整過程中，使亮部細節 (如大理石上的紋理) 由全白中慢慢浮現，直到細節不再出現之對比最高值，即為最佳對比。如再降低，亮部過暗，顏色飽和度及立體感則會消失。

調整亮度

1. 先將亮度調到最低，再往上調整。
2. 在調整過程中，使暗部細節 (如主播黑西裝上的紋理) 慢慢浮現，直到細節不再出現之亮度最低值，即為最佳亮度。如再提高，黑色會轉為偏灰白色，亮度即過亮。

設定影像中的 「使用者模式」

1. 按遙控器上的**目錄**顯示螢幕顯示選單。
2. 按 ▶ 或 ◀ 選擇**畫質**，然後按 ▼ 進入畫質選單。
3. 按 ▲ 或 ▼ 選擇**影像**，然後按 ▶ 或 ◀ 選擇**使用者模式**。
4. 按 ▲ 或 ▼ 選擇**對比**、**亮度**、**色彩**、**銳利度**等設定，然後按 ▶ 或 ◀ 調整至您滿意的狀態。
5. 按**目錄**關閉螢幕顯示選單並儲存。

進階畫質選單

選單中顯示的選項會因為輸入訊號的種類不同而異。

右圖所示的選單選項與設定僅供參考。



選項	功能
降低雜訊	本功能可幫助去除影像的雜訊。
暗畫面對比度	本功能可自動依據影像輸入的訊號增強影像對比度，使影像對比度最佳化。
背光亮度	調整液晶面板的背光亮度。
NTSC 黑階設置	設定顯示器所顯示的 NTSC 視訊類型，使其與視訊來源設備 (例如 DVD 播放機) 所輸出的 NTSC 視訊類型相符。 **本選項僅適用於 NTSC 格式的視訊。**

中文

聲音選單



選單中顯示的選項會因為輸入訊號的種類不同而異。

右圖所示的選單選項與設定僅供參考。

選項	功能
平衡	調整顯示器之內建揚聲器的左右音量平衡。
聲音模式	當您欣賞的節目或影片支援多重聲道或多國語言播送時，您可以使用本功能來選擇想要的聲音類型。 **可選擇的選項將依所接收的輸入視訊或節目的音訊格式是否支援而定。**
頻道穩定音	若設為「開」，在觀賞節目時，本功能可自動調整不同頻道間的聲音大小，使其達到一致。
虛擬環繞音效	開啟或關閉顯示器的環繞音效效果。
高音	調整高音音調。
低音	調整低音音調。

喜好選單

選單中顯示的選項會因為輸入訊號的種類不同而異。

右圖所示的選單選項與設定僅供參考。



選項	功能
無訊號自動關機	若設定為 「開」，在顯示器偵測不到 VGA 輸入訊號時，會自動進入省電模式。
睡眠時間	設定顯示器的預設自動關機時間。在設定後，此處會顯示到關機前所剩餘的時間。在到達關機時間前一分鐘，螢幕上會出現提示。此時您可按遙控器上的任何鍵取消定時關機功能。一旦到達設定的時間，顯示器會自動進入待機模式。
語言	選擇螢幕顯示選單的語言。
HDMI 輸入	選擇 HDMI 輸入的訊號模式類型。例如，若您連接的是電腦，請選擇 「PC-DVI 訊號」，若您連接的是視訊設備 (如 DVD 播放機等)，請選擇 「HDMI 訊號」。
重設為出廠預設值	重設所有設定並還原回出廠的預設值。

中文

電視選單

選單中顯示的選項會因為輸入訊號的種類不同而異。

右圖所示的選單選項與設定僅供參考。



選項	功能
無線 / 有線電視	依照您所連接的類比頻道收訊種類，選擇無線或有線系統模式。
頻道加減	增加微弱或額外的頻道，或從頻道記憶體中跳過不需要的頻道。
開始掃台	讓調諧器掃瞄並記憶您當地所有可用的頻道。請參閱下面「掃瞄並記憶頻道」的說明。

掃瞄並記憶頻道

1. 請確定您已經將有線或無線天線纜線連接至視訊盒上的天線輸入端子。
2. 按遙控器上的**目錄**按鈕開啟螢幕顯示選單。
3. 按 ◀ 或 ▶ 選擇**電視**，然後按 ▲ 或 ▼ 選擇**開始掃台**。
4. 按 OK 按鈕開始掃瞄並記憶頻道。進行掃瞄時，顯示器會依序顯示掃瞄到的頻道。依據您當地所提供頻道數量不同，此過程可能需要花上數分鐘的時間。若您想要中斷掃描程序，請按 OK。
5. 在完成後，掃瞄會停止，且螢幕上會顯示頻道畫面。

設定喜愛頻道

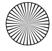
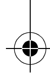
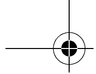
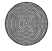
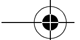
1. 按遙控器上的**喜愛頻道**按鈕顯示喜愛頻道清單。
2. 按 ▲ 或 ▼ 選擇一個喜愛頻道欄位，然後使用遙控器上的頻道輸入數字按鈕輸入頻道號碼。
3. 若要設定其它喜愛頻道，請重複步驟 2。
4. 設定完成後，按**喜愛頻道**按鈕可儲存設定並關閉清單。

支援的 DVI 輸入訊號解析度

解析度	水平頻率 (KHz)	垂直頻率 (Hz)	頻寬 (MHz)	備註
640 x 480	31.5	60	25.18	DOS, IBM, VGA
640 x 480	35	67	30.24	Apple, Mac II
640 x 480	37.5	75	31.5	VESA
640 x 480	37.86	72.81	31.5	
720 x 400	31.47	70.08	28.332	DOS, IBM, VGA
800 x 600	35.16	56.25	36	VESA
800 x 600	37.9	60.32	40	
800 x 600	46.9	75	49.5	
800 x 600	48.08	72.19	50	
848 x 480	29.83	59.659	31.5	
1024 x 768	48.4	60	65	
1024 x 768	56.5	70	75	
1024 x 768	60	75	78.75	
1064 x 600	37.352	59.859	50.5	
1280 x 720	44.772	59.855	74	
1360 x 768	47.7	60	85.5	

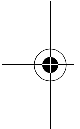
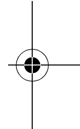
支援的色差視訊 /HDMI 輸入訊號解析度

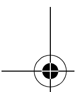
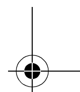
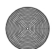
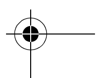
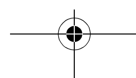
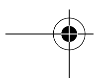
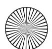
解析度	水平頻率 (KHz)	垂直頻率 (Hz)	頻寬 (MHz)	備註
640 x 480p	31.5	60	25.2	VGA
720 x 480p	31.47	59.94	27	480p 60Hz
720 x 576p	31.25	50	27	576p 50Hz
1280 x 720p	37.5	50	74.25	720p 50Hz
1280 x 720p	45	60	74.25	720p 60Hz
1440 x 480i	15.73	59.94	27	NTSC 60Hz
1440 x 576i	15.625	50	27	PAL 50Hz
1920 x 1080i	28.13	50.04	74.25	1080i 50Hz
1920 x 1080i	33.75	60.05	74.25	1080i 60Hz


<Memo>



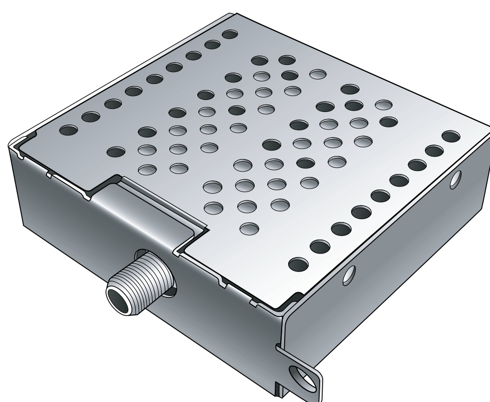



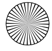
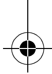
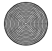
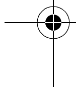
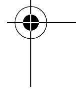
32PF1700T/96

TM8W32A/96
Video Tuner Box and Remote Control Installation and Operation Guide

English



PHILIPS

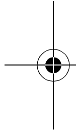
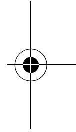
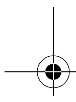
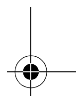
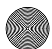
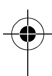
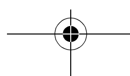
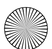






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English

Copyright

English

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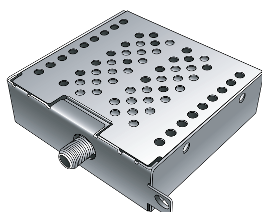
English

Package contents

Check the package to see if all the following items are included. If any item is missing or damaged, contact your place of purchase immediately and notify them of the discrepancy.



Screw × 1



Video tuner box × 1



Installation and operation guide × 1

Installing the tuner box

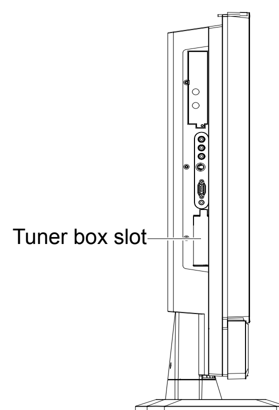
Important safety precautions

Before installing the tuner box, pay attention to the following to ensure the safety of installation:

- Wear suitable insulation gloves to prevent any possibilities of injuries.
- Be sure to turn the display power off and disconnect the power cord from the power outlet. Turn the power of the devices off and remove all connected signal cables if the display is connected to other devices.
- Make sure that there is sufficient space around the display for performing the installation. If not, it is suggested that you move the display to a suitable place to perform installation, and then move it back to its original location when installation is completed.

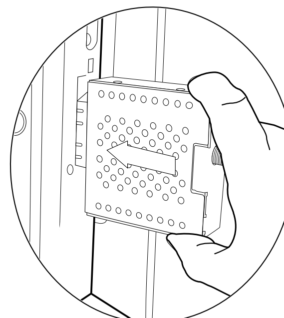
Installing the tuner box

1. Locate the tuner box slot on the left side of the display (as shown in the illustration).

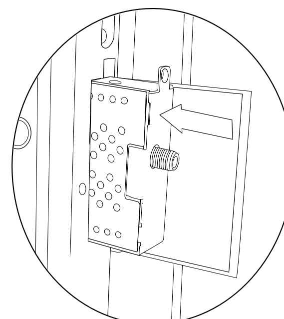


English

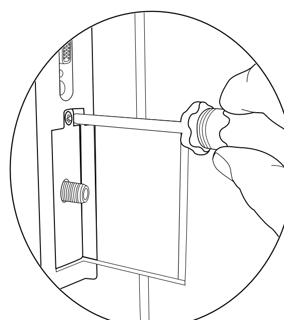
2. Remove the protective film on the tuner box and then insert it into the slot. Pay attention to the direction of the tuner box when inserting.



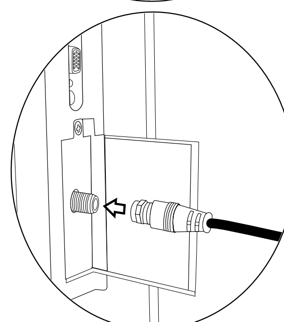
3. Push the tuner box all the way into the slot.



4. Use the supplied screw and a suitable screwdriver to secure the tuner box on the display.



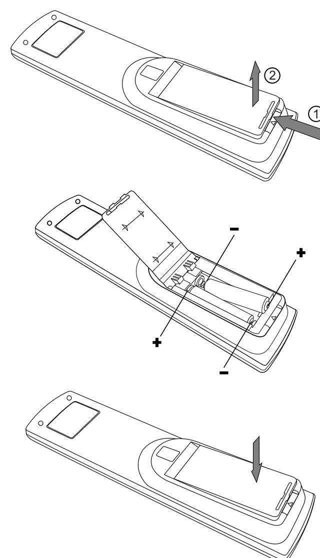
5. Connect the cable or aerial antenna cable to the connector on the tuner box. Follow the instructions of "Searching and storing channels" on page 22 to scan and store the channels available in your area.



English

Activate the remote control

Installing batteries



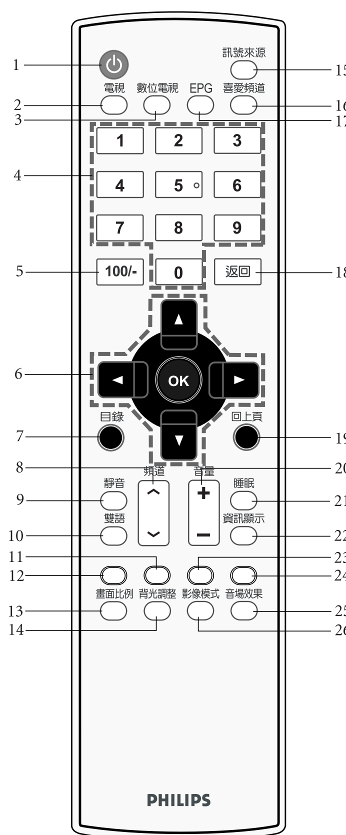
1. Turn the remote control to reveal its back side, and open the lid of the battery compartment.
2. Insert the batteries (supplied) ensuring that the positive and negative marked battery terminals match the (+) and (-) marks in the battery compartment. Note that these batteries are provided for your convenience so that you can operate the display straight away. You should replace them as soon as possible.
3. Refit the lid of the battery compartment as shown.

Battery safety notice

The use of the wrong type of batteries may cause chemical leaks and/or explosion. Please note the following:

- Always ensure that the batteries are inserted with the positive and negative terminals in the correct direction as shown in the battery compartment.
- Different types of batteries have different characteristics. Do not mix different types.
- Do not mix old and new batteries. Mixing old and new batteries will shorten battery life and/or cause chemical leaks from the old batteries.
- When batteries fail to function, replace them immediately.
- Chemicals which leak from batteries may cause skin irritation. If any chemical matter seeps out of the batteries, wipe it up immediately using a dry cloth.
- Due to varying storage conditions, the battery life for the batteries included with your display may be shortened. Replace them within 3 months or as soon as you can after initial use.

Getting to know the remote control



1. Power/standby
Press this button to power the display on or put it to standby mode. See "Power on and standby" on page 7.

2. 電視 (TV)
Press this button to switch directly to the (traditional) analog channel mode to view analog channels. See "Viewing traditional (analog) or digital programs" on page 7.

3. 數位電視 (DTV)
Press this button to directly switch to the digital channel mode and view digital channels (A separate digital video tuner is required to use this function). See "Viewing traditional (analog) or digital programs" on page 7.

4. Channel selection
Press these buttons to select the channel you wish to view. See "Selecting a channel directly" on page 8.

5. Triple-digit channel entry
Press this button prior to entering a triple-digit channel number. See "Selecting a channel directly" on page 8.

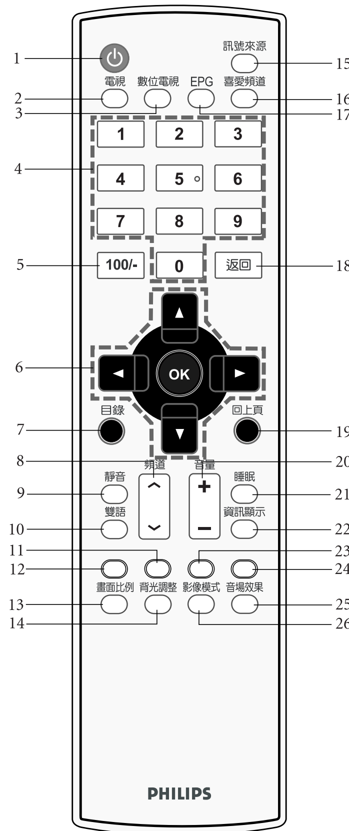
6. ▲/▼/▶/◀ and OK buttons
When the OSD menu displays on-screen:
- Press ▲ or ▼ to select settings.
- Press ▶ or ◀ to adjust settings.
- Press **OK** to execute selections, or to enter a submenu you have selected. In digital channel mode, press **OK** to display or hide the channel list (A separate digital video tuner is required to use this function).

See "Navigating the OSD menu" on page 17.

7. 目錄 (Menu)
Press this button to display the OSD menu for commands and settings. Press it again to close. See "Navigating the OSD menu" on page 17.

8. 頻道 (Channel)
- Press these buttons to sequentially change channels. See "Changing channels sequentially" on page 8.
- In EPG, press these buttons to go to the previous or next page (A separate digital video tuner is required to use this function).

9. 靜音 (Mute)
Press this button to mute the sound output. Press it again to restore the sound output. See "Mute setting" on page 7.



10. 雙語 (MTS)
Press this button to toggle between available sound reception modes. See "MTS" on page 7.

11. Green button
In digital channel mode, press this button to execute the function as indicated by the green color in the menu (A separate digital video tuner is required to use this function).

12. Red button
In digital channel mode, press this button to execute the function as indicated by the red color in the menu (A separate digital video tuner is required to use this function).

13. 畫面比例 (Aspect)
Press this button to adjust the screen image aspect ratio. See "Adjusting aspect ratio" on page 9.

14. 背光調整 (Backlight)
Press this button to select your desired screen backlight level. See "Adjusting backlight" on page 8.

15. 訊號來源 (Input)
Press this button to select a different input source. See "Switching inputs" on page 7.

16. 喜愛頻道 (Favorite)
Press this button to jump to one of the favorite channels you have stored. See "Selecting favorite channels" on page 8.

17. EPG
In digital channel mode, press this button to display the Electronic Program Guide (A separate digital video tuner is required to use this function).

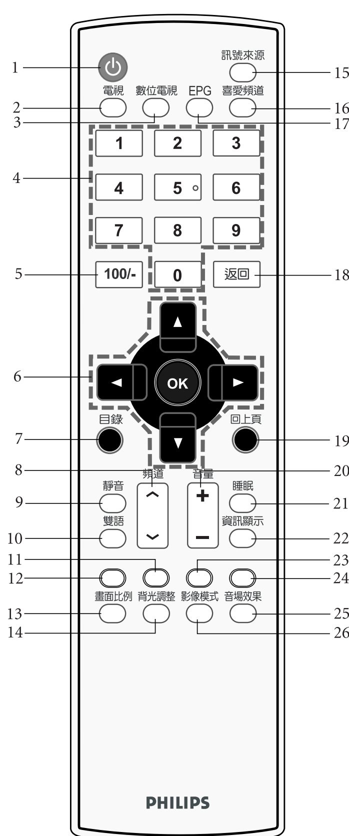
18. 返回 (Recall)
Press this button to toggle between the current and the previous channel you were viewing. See "Returning to the previous viewed channel" on page 8.

19. 回上頁 (Back)
When operating in the OSD menu, press this button to return to the previous menu level. See "Navigating the OSD menu" on page 17.

20. 音量 (Volume)
Press these buttons to raise or lower the volume level. See "Adjusting the volume" on page 7.

21. 睡眠 (Sleep Timer)
Press this button to set the automatic shut-off timer. See "Using the sleep timer" on page 8.

English



22. 資訊顯示 (Information)
Press this button to display the input source information. See "Displaying information" on page 8.

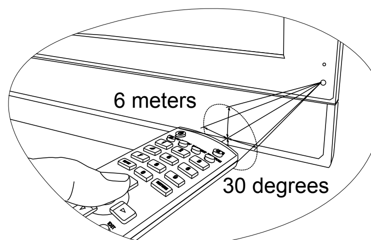
23. Yellow button
In digital channel mode, press this button to execute the function as indicated by the yellow color in the menu (A separate digital video tuner is required to use this function).

24. Blue button
In digital channel mode, press this button to execute the function as indicated by the blue color in the menu (A separate digital video tuner is required to use this function).

25. 音場效果 (Surround)
Press this button to turn on or off the Virtual Surround sound effect. See "Turning on/off the Virtual Surround sound effect" on page 8.

26. 影像模式 (Picture Mode)
Press this button to select a desired preset picture mode. See "Selecting a picture mode" on page 9.

Remote control usage tips



- Point and aim the top front of the remote control directly at the display when pressing the buttons.
- The remote control must be held at an angle within 30 degrees of the display's remote control sensor window to function correctly. The distance between the remote control and the sensors should not exceed 6 meters.
- Do not cover the sensor window on the front of the display or place objects in front of it which will block the direct line-of-sight between the remote control and the sensor window on the display.

- **Do not let the remote control become wet, or place it in humid environments.**
- **If the remote control sensor window on the display is in direct sunlight or strong light, the remote control may not operate properly. In this situation, change the light source or readjust the angle of your display, or operate the remote control from a location closer to the remote control sensor window on the display.**

English

Using the remote control

Power on and standby

Turning the display on

After plugging the display's power cable into a wall outlet, the display will enter standby mode automatically, and the power indicator will light up red.

Press **Power/standby** on the remote control. The display will turn on and the power indicator will change to green.

Putting the display to standby

When the display power is ON (the power indicator lights up green), press **Power/standby** on the remote control, and the display will return to standby mode. The power indicator will turn red.

The display still consumes about 1W of power in standby mode.

Switching inputs

1. Turn on all connected equipment or devices before selecting an input.
2. Press 訊號來源 **(Input)** on the remote control to display the input source list, and then press ▲ or ▼ to select a desired input source.

- **If both Composite Video (AV) and S-Video signals are connected to the AV input at the same time, only S-Video input will be displayed. If you wish to view the Composite Video (AV) input in such case, remove the S-Video connection temporarily.**
- **Be aware that HDMI input must be HDCP-compliant to be displayed properly. When switching to the HDMI inputs, the display needs approximately 3 seconds to detect the HDCP information from the signal source and no image will be displayed during this period. This is not a malfunction.**

Viewing traditional (analog) or digital programs

- To view traditional (analog) programs, press 電視 **(TV)** on the remote control.
- To view digital programs, press 數位電視 **(DTV)** on the remote control.

The digital programs function requires a separate digital video tuner with available signal connected.

Adjusting sound settings

Adjusting the volume

- Press 音量 **(Volume) +** on the remote control to increase volume. The volume indicator will increase in length as volume rises.
- Press 音量 **(Volume) -** on the remote control to decrease volume. The volume indicator will decrease in length as volume falls.

Mute setting

Press 靜音 **(Mute)** on the remote control to turn off the sound temporarily.

Press 靜音 **(Mute)** once more, or press 音量 **(Volume) +** to restore the sound level.

MTS

Press 雙語 **(MTS)** on the remote control to toggle sound among available modes. (The modes available will depend on the sound system being received).

Turning on/off the Virtual Surround sound effect

You can press 音場效果 **(Surround)** on the remote control to turn on or off the display's virtual surround sound effect.

Changing channels

Selecting a channel directly

- To select a single- or double-digit channel, press the corresponding channel selection buttons on the remote control. For example, to select channel 8, press 0 and 8 on the remote control within 3 seconds.
- To select a triple-digit channel, press the **Triple-digit channel entry** button on the remote control followed by the rest of the digits within 3 seconds. For example, to select channel 120, press the **Triple-digit channel entry** button, and then press 2 and 0 on the remote control.

Changing channels sequentially

Press 頻道 **(Channel)** ▲ or 頻道 **(Channel)** ▼ on the remote control to sequentially cycle through your channels.

Selecting favorite channels

1. Press 喜愛頻道 **(Favorite)** on the remote control to display the Favorite Channels list.
2. Press ▲ or ▼ to select a favorite channel, and then press **OK** to jump to that channel directly.

For more information about how to set up favorite channels, please refer to "Setting up favorite channels" on page 22.

Returning to the previous viewed channel

You can press 返回 **(Recall)** on the remote control to quickly return to the previous viewed channel.

Adjusting backlight

To adjust the intensity of your display's backlight system, press 背光調整 **(Backlight)** on the remote control to select a suitable level.

Displaying information

Press 資訊顯示 **(Information)** on the remote control to display the input signal information. The information displayed varies according to the input source being selected.

Using the sleep timer

The sleep timer is useful if you want the display to automatically to go into standby mode after a set period of time.

1. Press 睡眠 **(Sleep Timer)** on the remote control to activate sleep timer.
2. Press the button again to set the time interval. Time is set in increments of 5 minutes, from 5 to 180 minutes.

For example, if you set the sleep timer to 30 minutes, the display will enter standby mode after 30 minutes of time. You can check the remaining time before expiration in the **Sleep Timer** item in the **PREFERENCE** menu (See "Sleep Timer" on page 21). 1 minute before the expiration of the set time, a message will display on-screen as a reminder. You can press any button on the remote control to reset the sleep timer and the display will remain on. To turn off this function, set the time to 0 minute.

Selecting a picture mode

To select a picture mode, press 影像模式 **(Picture Mode)** on the remote control. This enables you to select from the following settings:

Picture mode	Description
Standard	Suitable for viewing in environments with normal lighting condition.
Film	In this mode, the contrast and levels of colors are optimized in order to display more details in the bright and dark areas of images.
Sports	The contrast, brightness and color saturation are enhanced for displaying vivid images in public areas.
Studio	Images are displayed with moderate brightness and contrast, making it suitable for prolonged viewing.
Personal	Your own customised picture mode.

See "Setting up Personal Picture mode" on page 19 for how to setup the Personal Picture Mode.

Adjusting aspect ratio

Press 畫面比例 **(Aspect)** on the remote control to cycle through available aspect ratios. The table below shows the resulting images in relation to the input image when different aspects are selected:

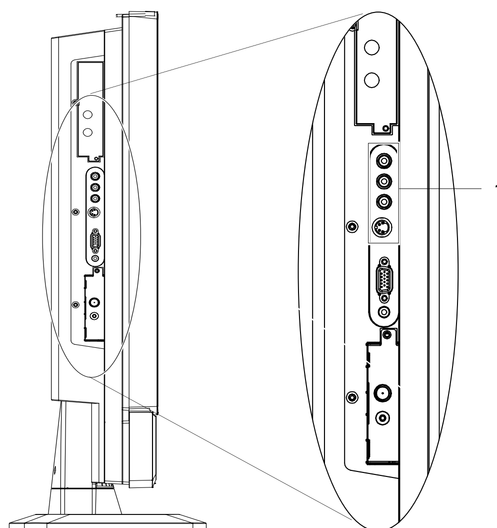
Aspect ratio	Aspect ratio of input video		Description and usage
	4:3	16:9	
16:9			Stretches a 4:3 image to 16:9 aspect proportions. Recommended for use when viewing video sources which are already in 16:9 aspect.
4:3		(Not recommended)	Resizes the image to 4:3 aspect proportions. Recommended for use when viewing video sources which are already in 4:3 aspect.
Wide 1		(Not recommended)	Resizes a 4:3 image to 16:9 aspect proportions, and trims off the top and bottom strips. Recommended for use when viewing images in a so-called letterbox format.
Super Zoom		(Not recommended)	Stretches a 4:3 image to the width of a 16:9 aspect image proportions. recommended for use in filling the screen with a 4:3 aspect image.

- **Available aspect ratio options are dependent on the selected input signal type.**
- **To avoid possible "image retention“ or "screen burn-in“ on the LCD screen, it is recommended that you change the aspect ratio from time to time, and prevent the display from displaying a static image for a prolonged period of time.**

English

Connecting video and audio signals

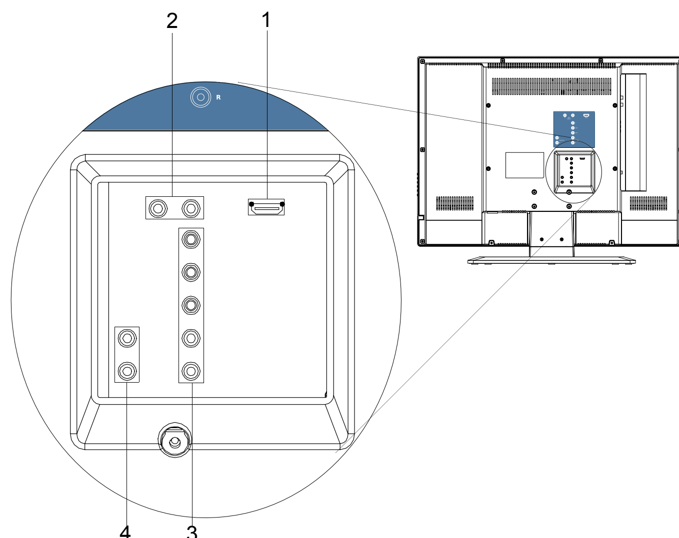
External terminals panel (left side view)



No.	Name	Description
1	AV (Composite Video or S-Video) input	• VIDEO: Connect to the Composite Video (AV) output as appropriate for your AV source device. See "Connecting the Composite Video input" on page 12. • S-VIDEO: Connect to the S-Video output as appropriate for your AV source device. See "Connecting the S-Video input" on page 13. • AUDIO L/R: Connect to the audio output of either the Composite Video or S-Video output as appropriate for your AV source device. See "Connecting the Composite Video input" on page 12 and "Connecting the S-Video input" on page 13. **Connect your external AV device using either the Composite Video or S-Video input. If both are connected to an AV source at the same time, S-Video input takes preference over Composite Video input. S-Video will provide a better quality image.**

English

Rear view



No.	Name	Description
1	HDMI	Connect to the DVI digital video or HDMI digital audio/ video output of your digital source device. See "Connecting the DVI input" on page 14 and "Connecting the HDMI input" on page 14.
2	DVI-AUDIO L/R	Connect to the DVI digital audio output of your digital source device. See "Connecting the DVI input" on page 14.
3	Y CB/PB CR/PR	Connect each to the Component Video (Y CB/PB CR/PR) output of an appropriate video source device. See "Connecting the Component Video input" on page 13.
	AUDIO L/R	Connect each to the audio output of an appropriate video source device to match that of each Component Video input. See "Connecting the Component Video input" on page 13.
4	AUDIO OUT L/R	Connect to the audio input of an audio or sub-woofer amplifier. This output is always available, however, its level is fixed and cannot be controlled by the Volume. See "Connecting the stereo audio output" on page 15.

English

Making connections

Pay attention to the following when making connections:

- Before connecting any devices, please turn all equipment off.
- To obtain the most benefit from the digital LCD screen, you should select the connection method which will provide you with the best possible signal.
- Do not pull cables out of sockets by grasping the cable itself, as you may damage the cable. Only ever remove cables from sockets by grasping the plug on the end of the cable.
- Once connected, please ensure that all plugs are fully inserted and firmly seated. Be aware that if incorrect connections are made, picture quality may be adversely affected.

Connecting the Composite Video input

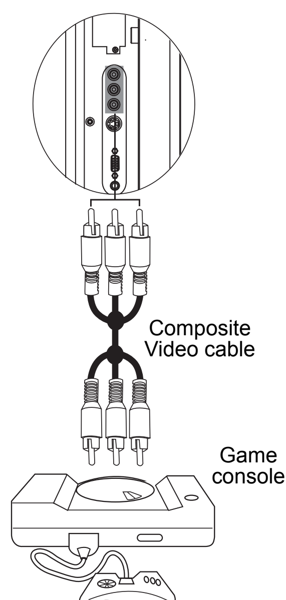
Connect the Composite Video output of your output equipment to the VIDEO and AUDIO L/R terminals on the display using the Composite Video cable as illustrated.

A Composite Video cable consists of three connectors: Yellow (video), White (left channel audio), and Red (right channel audio). Ensure that the colors of the plugs and terminals match when making connection.

To view video image from this input, switch the input source to **AV**.

Composite Video provides the least optimal image quality. Both S-Video and Component Video provide better quality video signals.

AV supports both Composite Video and S-Video signal inputs. If you use S-Video, you cannot use Composite Video for that input.



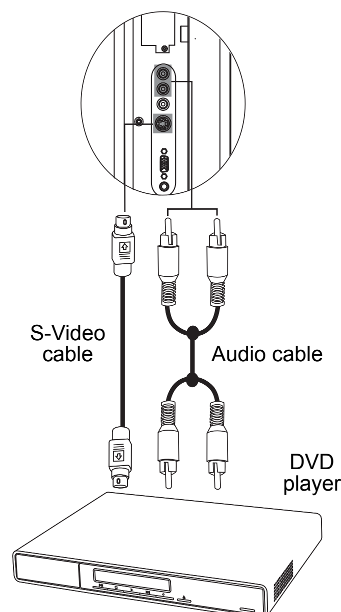
English

Connecting the S-Video input

1. Connect the S-Video output of your output equipment to the display's S-VIDEO terminal using an S-Video cable (not provided). Pay attention to the alignment of the plugs on the S-Video cable when inserting so as not to damage any pins.
2. Connect the corresponding audio output of the output equipment to the AUDIO L/R input terminals using a suitable audio cable.

To view video image from this input, switch the input source to **AV**.

You should not connect both a composite Video and an S-Video from the same device; just one or the other. If you have the choice, use the S-Video instead of composite Video as an S-video signal provides a higher quality signal to that of composite Video.



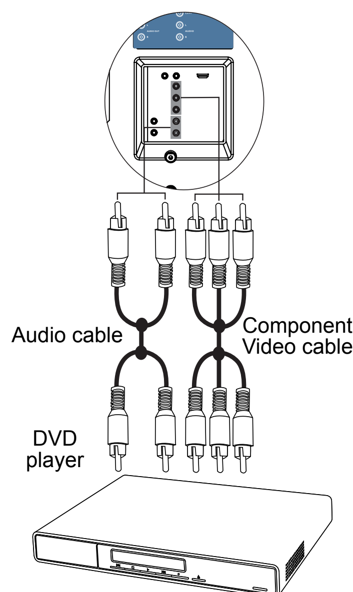
Connecting the Component Video input

1. Connect the Component Video output of your output equipment to the display's Y, CB/PB and CR/PR terminals using a Component Video cable (not provided). A Component Video cable consists of three plugs: Green (Y), Blue (CB/PB), and Red (CR/PR). Ensure that the colours of the plugs and terminals match when making connection.
2. Connect the corresponding audio output of your output equipment to the AUDIO L/R input terminals on the display using an audio cable (not provided).

To view video image from this input, switch the input source to **Component**.

Of the analog video signal types, Component Video offers the best quality.

See "Supported Component Video/HDMI input signal resolutions" on page 23 for supported resolutions.



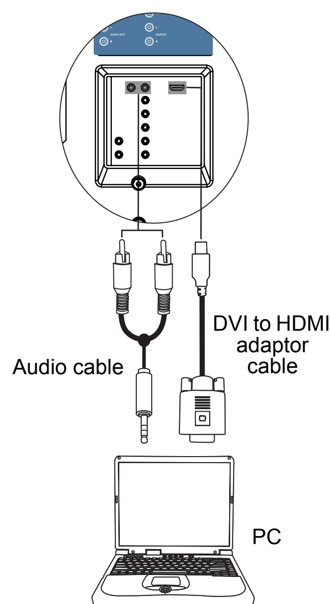
English

Connecting the DVI input

1. Connect the digital video output of your output equipment (for example, a PC or digital Set Top Box) to the HDMI terminal on the display using a DVI to HDMI adaptor cable (not provided).
2. Connect the DVI audio output of your output equipment to the display's DVI-AUDIO L/R input terminals using an appropriate audio cable (not provided).

To view video image from this input, switch the input source to **HDMI**.

When connected to a PC, you should adjust the resolution in the display properties of the computer to closely match the native resolution of the display (for example, 1360 x 768 pixels). See "Supported DVI input signal resolutions" on page 23 on other supported resolutions.



Connecting the HDMI input

Connect the HDMI output of your output equipment to the HDMI terminal on the display using an HDMI cable (not provided).

To view video image from this input, switch the input source to **HDMI**.

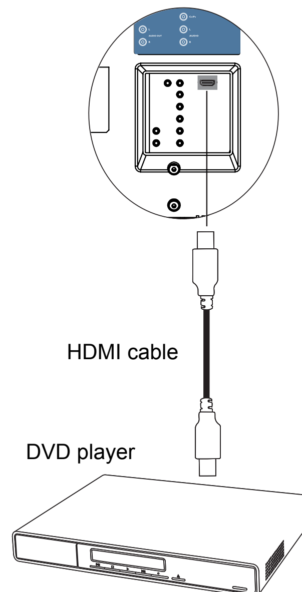
HDMI (High-Definition Multimedia Interface) is an uncompressed and all-digital audio/video interface. HDMI provides an interface between any audio/video source, such as a set-top box, DVD player, or A/V receiver over a single cable.

The display's HDMI inputs are compliant with the HDMI 1.2 standard. However, the playback of SACD (Super Audio CD) audio is not supported.

Be aware that HDMI input must be HDCP-compliant to be displayed.

To ensure the stability and performance of signal transmission, it is recommended that you use high-quality and HDMI-certified cable for connection.

See "Supported Component Video/HDMI input signal resolutions" on page 23 for supported resolutions.

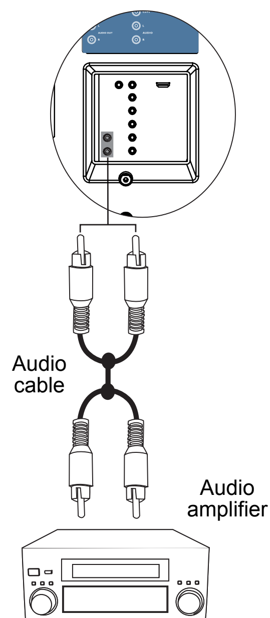


Connecting the stereo audio output

This display provides a set of stereo audio output terminals (RCA type) for delivering the audio signal to a sound system or other audio devices.

Connect the audio input terminals of an amplifier or other audio device to the AUDIO OUT L/R terminals on the display using a suitable audio cable.

This output is always available. Its level is fixed and cannot be adjusted by the Volume setting of the display.



English

On-Screen Display (OSD) menu

OSD structure

<table>
<tr><th rowspan="2"></th><th colspan="7">Input signal type</th></tr>
<tr><th>TV</th><th>DTV</th><th>Component</th><th>AV</th><th>VGA</th><th>DVI</th><th>HDMI</th></tr>
<tr><td>PICTURE</td><td colspan="2">• Picture Mode
• Brightness
• Contrast
• Colour
• Sharpness
• Colour Temp.
• NTSC Tint</td><td colspan="2">• Picture Mode
• Brightness
• Contrast
• Colour
• Sharpness
• Colour Temp.</td><td>• Brightness
• Contrast
• Colour Temp.
• Auto
• Phase
• Synchronization
• V. Position
• H. Position</td><td colspan="2">• Brightness
• Contrast
• Colour Temp.</td></tr>
<tr><td>PICTURE AD. (ADVANCED)</td><td colspan="2">• Noise Reduction
• Black Level
• Backlight Level
• NTSC Setup</td><td>• Black Level
• Backlight Level</td><td>• Noise Reduction
• Black Level
• Backlight Level</td><td colspan="3">• Backlight Level</td></tr>
<tr><td>AUDIO</td><td colspan="7">• Balance
• Sound Type
• Volume Leveling
• Virtual Surround
• Treble
• Bass</td></tr>
<tr><td>PREFERENCE</td><td colspan="7">• Eco Mode
• Sleep Timer
• Language
• HDMI Input
• Reset All Setting</td></tr>
<tr><td>TV SETTING</td><td>• TV/CATV
• Channel +/-
• Start</td><td colspan="6">(Not available)</td></tr>
<tr><td>DTV</td><td>(Not available)</td><td>• TV/Radio
• TV Guide
• Channel List
• Channel Editor
• Replace Existing Digital Channels
• Add New Digital Channels</td><td colspan="5">(Not available)</td></tr>
</table>

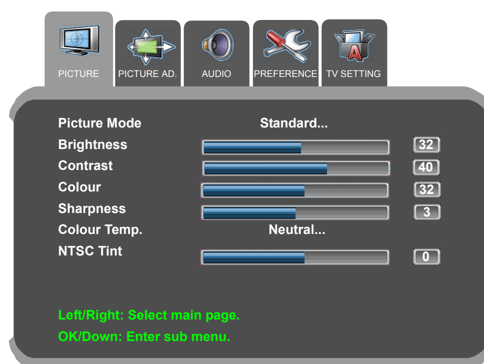
The available menu items are dependent on the input source being selected. Unavailable items will be greyed out or not displayed.

For details see:

- **"PICTURE menu" on page 18**
- **"PICTURE AD. (ADVANCED) menu" on page 19**
- **"AUDIO menu" on page 20**
- **"PREFERENCE menu" on page 21**
- **"TV SETTING menu" on page 22**

Navigating the OSD menu

You can use the OSD menu to adjust the settings on your display. To display the OSD menu, press 目錄 **(Menu)** on the remote control.



English

Operations in the OSD menu

- Press ▲, ▼, ◀ or ▶ to make selections or change settings.
- Press ▼ to enter the submenu.
- Press **OK** to confirm your selection.
- Press 回上頁 **(Back)** to return to the previous menu level.
- Press 目錄 **(Menu)** to close the OSD menu.

For example, to adjust picture sharpness:

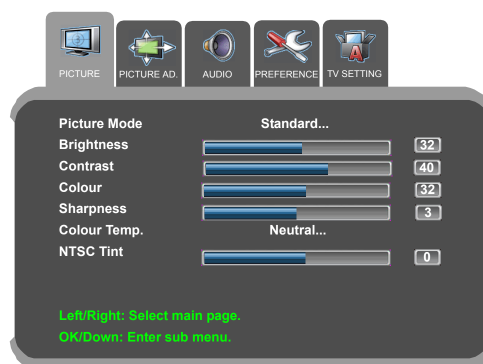
1. Press 目錄 **(Menu)** to display the OSD menu on-screen.
2. Press ◀ or ▶ to select **PICTURE**.
3. Press ▼ to enter the submenu.
4. Press ▲ or ▼ to select **Sharpness**.
5. Press ◀ or ▶ to make adjustment.
6. Press 回上頁 **(Back)** to return to the previous menu level, or
7. Press 目錄 **(Menu)** to close the OSD menu.

English

PICTURE menu

The available menu items are dependent on the input source being selected.

The illustration is for reference only.



Item	Function
Picture Mode	Provides complete preferred setups to suit various viewing situations. If **Personal** is selected, you can customize individual picture setting to your satisfaction. For more information about when to use these modes and how to setup the **Personal** picture mode, see "Selecting a picture mode" on page 9 and "Setting up Personal Picture mode" on page 19.
Brightness	Adjusts image brightness. See "Adjusting the brightness" on page 19.
Contrast	Adjusts image contrast. See "Adjusting the contrast" on page 19.
Colour	Adjusts image color intensity.
Sharpness	Adjusts image sharpness level.
Colour Temp.	Adjusts the color tint of the black and white part of the image.
NTSC Tint	Adjusts color tint in NTSC video. **This option is only available for NTSC video sources.**
Auto	Lets the display adjust the **Synchronization**, **Phase**, **H. Position** and **V. Position** settings of the VGA input image automatically.
Phase	Adjusts the image so that the distortions are eliminated, making the image look more clearly.
Synchronization	Adjusts the synchronization setting of the display to match that of the input source.
V. Position	Manually adjusts the horizontal position of the image on the screen.
H. Position	Manually adjusts the vertical position of the image on the screen.

English

Adjusting the contrast

1. Set the contrast to the highest level.
2. Gradually decrease the contrast level until you reach the point where the details in the bright areas of the image can be seen clearly. Do not further decrease the contrast level to avoid losing the saturation of colors.

Adjusting the brightness

1. Set the brightness to the lowest level.
2. Gradually increase the brightness level until you reach the point where the details in the dark areas of the image can be seen clearly. Do not further increase the brightness level to avoid the black areas from looking grayish.

Setting up Personal Picture mode

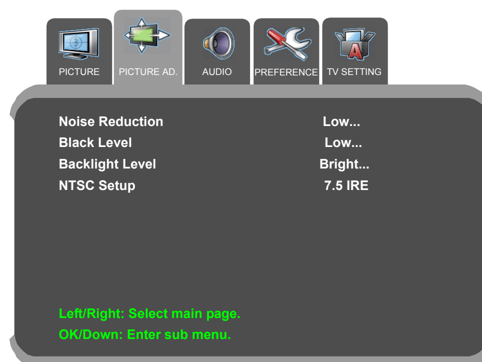
You can adjust the settings in the **PICTURE** menu and save them as your **Personal** Picture Mode. You can press **影像模式 (Picture Mode)** on the remote control to select these modes directly.

1. Press **目錄 (Menu)** to display the OSD menu on-screen.
2. Press ▸ or ◂ to select **PICTURE**, and then press ▾ to enter the **PICTURE** menu.
3. Press ▴ or ▾ to select **Picture Mode**, and then press ▸ or ◂ to select **Personal**.
4. Press ▴ or ▾ to select **Contrast**, **Brightness**, **Colour**, **Sharpness**..., etc., and then press ▸ or ◂ to adjust the settings to your satisfaction.
5. Press **目錄 (Menu)** to save the settings and close the OSD menu.

PICTURE AD. (ADVANCED) menu

The available menu items are dependent on the input source being selected.

The illustration is for reference only.



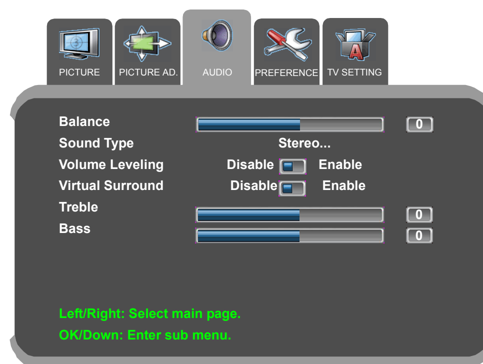
Item	Function
Noise Reduction	Adjusts the image noise reduction function that helps to remove noise in images.
Black Level	Adjusts the auto contrast enhancement function that optimizes the image contrast ratio.
Backlight Level	Adjusts backlight intensity.
NTSC Setup	Sets up the NTSC video display format to match that of the input NTSC video input from other devices (such as a DVD player). **This option is only available for NTSC video sources.**

English

AUDIO menu

The available menu items are dependent on the input source being selected.

The illustration is for reference only.

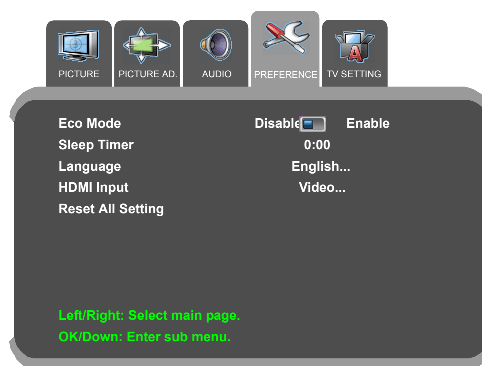


Item	Function
Balance	Adjusts left or right speaker volume level.
Sound Type	Selects input audio type. **Available options are dependent upon the received signal.**
Volume Leveling	If set to **Enable**, the display automatically adjusts the sound level to be constant amongst different channels.
Virtual Surround	Activates or deactivates the virtual surround sound effect.
Treble	Adjusts treble tones.
Bass	Adjusts bass tones.

PREFERENCE menu

The available menu items are dependent on the input source being selected.

The illustration is for reference only.



English

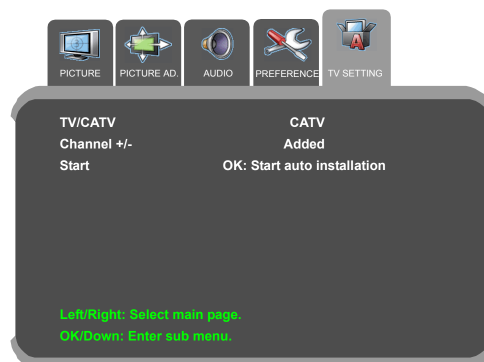
Item	Function
Eco Mode	Once set to **Enable**, the display will activate the Display Power Management System (DPMS) and enter power saving mode when no PC input signal is detected.
Sleep Timer	Set the Sleep Timer to automatically put the display to standby mode.
Language	Select your desired language for the OSD menu.
HDMI Input	Select the HDMI input mode according to the device connected. Select **PC** if a PC is connected. If a video device (for example, a digital Set Top Box) is connected, select **Video**.
Reset All Setting	Restore all settings to their default values.

English

TV SETTING menu

The available menu items are dependent on the input source being selected.

The illustration is for reference only.



Item	Function
TV/CATV	Selects aerial or cable system mode.
Channel +/-	Add weak or additional channels or delete unwanted channels from display memory.
Start	Searches through all available channels and add them to memory. See "Searching and storing channels" below.

Searching and storing channels

1. Make sure that the antenna cable has been connected to the tuner box.
2. Press 目錄 **(Menu)** on the remote control to display the OSD menu on-screen.
3. Press ◀ or ▶ to select **TV SETTING** and then press ▲ or ▼ to select **Start**.
4. Press **OK**. The display will start searching for available channels and store them in the memory. This may take several minutes, depending on the available channels in your area. To stop the process, press **OK**.
5. When the process is complete, the scanning will stop and display the image.

Setting up favorite channels

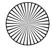
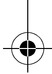
1. Press 喜愛頻道 **(Favorite)** on the remote control to display the Favorite Channels list on-screen.
2. Press ▲ or ▼ to select an item (**CH 1, CH 2... CH 5**), then press the **Channel selection** buttons on the remote control to enter the channel number that you desire.
3. Repeat step 2 above if you want to set up more favorite channels.
4. Press 喜愛頻道 **(Favorite)** to close the menu and save your setting.

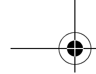
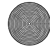
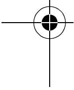
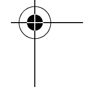
Supported DVI input signal resolutions

Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)	Dot Clock Frequency (MHz)	Note
640 x 480	31.5	60	25.18	DOS, IBM, VGA
640 x 480	35	67	30.24	Apple, Mac II
640 x 480	37.5	75	31.5	VESA
640 x 480	37.86	72.81	31.5	
720 x 400	31.47	70.08	28.332	DOS, IBM, VGA
800 x 600	35.16	56.25	36	VESA
800 x 600	37.9	60.32	40	
800 x 600	46.9	75	49.5	
800 x 600	48.08	72.19	50	
848 x 480	29.83	59.659	31.5	
1024 x 768	48.4	60	65	
1024 x 768	56.5	70	75	
1024 x 768	60	75	78.75	
1064 x 600	37.352	59.859	50.5	
1280 x 720	44.772	59.855	74	
1360 x 768	47.7	60	85.5	

Supported Component Video/HDMI input signal resolutions

Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)	Dot Clock Frequency (MHz)	Note
640 x 480p	31.5	60	25.2	VGA
720 x 480p	31.47	59.94	27	480p 60Hz
720 x 576p	31.25	50	27	576p 50Hz
1280 x 720p	37.5	50	74.25	720p 50Hz
1280 x 720p	45	60	74.25	720p 60Hz
1440 x 480i	15.73	59.94	27	NTSC 60Hz
1440 x 576i	15.625	50	27	PAL 50Hz
1920 x 1080i	28.13	50.04	74.25	1080i 50Hz
1920 x 1080i	33.75	60.05	74.25	1080i 60Hz

<Memo>

